

EXHAUST EMISSION SURVEILLANCE  
OF ONTARIO IN-USE CARS  
(FULL REPORT)

PART II: APPENDICES

OCTOBER 1988

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Environment  
Ontario

Jim Bradley  
Minister

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Exhaust Emission Surveillance of Ontario In-use Cars  
(FULL REPORT)

Part II: APPENDICES

by

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ARB-098B-88-ETRD

OCTOBER 1988

## Abstract

Exhaust emissions (HC, CO, CO<sub>2</sub>, NO<sub>x</sub>) from 372 in-use, gasoline-powered, light-duty vehicles (1962/84 MY) were measured with the following objectives: to characterize Ontario 1982 car population, to establish a data base for generating emission factors, to estimate compliance with Ontario criteria and Canada standards, and to establish correlation between cold-start federal test procedure (FTP-75), modified hot-start procedure (MFTP-75) and the Ontario Idles Test. Vehicles were sampled on a voluntary basis from the Greater Metro Toronto area, mostly from private owners (unsafe and smoking vehicles were excluded). Cars were tested in as-received condition using owner-supplied gasoline.

A sample of 200 cars (OS 200), representing the sales-weighted car population of mid-1982, indicates that 48% of cars fail one or more of the four Ontario criteria (for HC and CO in Idle and Fast Idle). Almost three-quarters (74%) of the cars fail one or more of the Canada standards (HC, CO, NO<sub>x</sub>).

Excessive emitters, estimated at 15%, are likely responsible for almost half of the HC and CO emissions from cars.

The Ontario Idles Test predicts the compliance with Canada standards very well. Also, it identifies 90% of excessive emitters. The shorter hot-start MFTP correlates very closely with the 2-day cold-start FTP.

Included are results of 2 propane-powered cars and a summary of Ontario emission control programs (1969-84), description of test facilities, and of vehicle selection, acquisition and data evaluation procedures.

## Résumé

Nous avons mesuré les gaz d'échappement (HC, CO, CO<sub>2</sub>, NO<sub>x</sub>), produits par 372 véhicules légers en cours d'utilisation et propulsés à l'essence (construits entre 1962 et 1984), avec les objectifs suivants : dégager les caractéristiques du parc automobile ontarien en 1982, créer une base de données sur les origines des émanations, déterminer la conformité avec les critères ontariens et les normes canadiennes, et établir une corrélation entre le test fédéral de démarrage à froid (FTP-75), le test modifié de démarrage à chaud (MFTP-75) et le Ontario Idles Test (test ontarien des ralentis). Des propriétaires de véhicules - pour la plupart des particuliers - habitant l'agglomération torontoise se sont portés volontaires (nous avons exclu les véhicules dangereux et ceux qui dégageaient de la fumée). Les véhicules ont été testés dans l'état dans lequel ils ont été présentés, avec l'essence fournie par le propriétaire.

Un échantillon de 200 véhicules (OS 200), représentant le parc de véhicules vendus à la mi-1982, indique que 48 p. 100 des véhicules ne satisfont pas à un ou plusieurs des quatre critères ontariens (HC et CO en ralenti et ralenti accéléré). Presque les trois quarts (74 p. 100) des véhicules ne satisfont pas à une ou plusieurs des normes canadiennes (HC, CO, NO<sub>x</sub>).

Des émetteurs - estimés à 15 p. 100 - provoquant un dégagement excessif sont vraisemblablement responsables de presque la moitié des émissions de HC et de CO.

Le Ontario Idles Test permet de prévoir la conformité avec les normes canadiennes. Il identifie également 90 p. 100 des émetteurs provoquant un dégagement excessif. Le test modifié de démarrage à chaud (MFTP), plus bref, est lié très étroitement avec le test de démarrage à froid (FTP) d'une durée de deux jours.

Le rapport comprend également les résultats obtenus avec deux véhicules mus au propane et un résumé des programmes de contrôle des émissions en Ontario (1969-1984), une description des installations utilisées pour les tests, les modalités de sélection et d'acquisition des véhicules ainsi que les techniques d'évaluation des données.

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1981	1980	1979	1978
A.M.C. Spirit .....	2,204	A.M.C. Spirit .....	3,146
Eagle SX/4 .....	317	Concord .....	4,443
Concord .....	3,098	Eagle .....	450
Eagle .....	961	Pacer .....	424
Pacer .....	3	A.M.X. ....	107
A.M.X. ....	2		
<b>Total Amer. Motors ..</b>	<b>6,585</b>	<b>Total Amer. Motors ..</b>	<b>8,570</b>
Chrysler New Yorker ..	773	Chrysler New Yorker ..	2,721
Imperial .....	168	Newport / Wagons ..	5,411
Newport / Wagons ..	578	Cordoba .....	4,621
Cordoba .....	2,584	LeBaron .....	4,353
LeBaron .....	2,254	Dodge Aspen .....	7,377
Dodge Aries .....	8,837	Caravelle .....	4,261
Caravelle .....	2,249	Gran Fury .....	171
Gran Fury .....	352	Omni .....	8,007
Omni .....	5,827	Mirada .....	1,280
Mirada .....	1,170	St. Regis .....	153
St. Regis .....	262	Diplomat .....	3,788
Diplomat .....	1,948	Plymouth Volare ..	9,932
Plymouth Reliant ..	10,549	Horizon .....	7,937
Horizon .....	5,129	Arrow .....	422
Colt .....	2,035	Colt .....	612
Sapporo .....	523	Sapporo .....	232
Challenger .....	491	Challenger .....	243
<b>Total Chrysler .....</b>	<b>45,827</b>	<b>Total Chrysler .....</b>	<b>61,521</b>
Ford Escort .....	7,364	Ford Pinto .....	3,483
EXP .....	937	Fairmont .....	8,138
Fairmont .....	5,084	Granada .....	5,864
Granada .....	3,343	LTD II .....	1,628
Thunderbird .....	2,692	Thunderbird .....	10,037
Mustang .....	5,785	Mustang .....	9,042
Ford .....	3,538	Ford .....	9,004
Mercury Lynx .....	3,678	Mercury Bobcat ..	1,928
LN7 .....	717	Zephyr .....	4,462
Zephyr .....	2,138	Monarch .....	3,014
Cougar .....	2,191	Cougar .....	528
Cougar XR-7 .....	1,088	Cougar XR-7 .....	3,473
Marquis .....	3,150	Marquis .....	5,677
Lincoln .....	878	Lincoln .....	3,495
Continental .....	168	Versailles .....	296
Capri .....	2,491	Capri .....	4,167
Fiesta .....	351	Fiesta .....	1,177
<b>Total Ford .....</b>	<b>45,903</b>	<b>Total Ford .....</b>	<b>75,413</b>
Buick Skylark .....	9,172	Buick Skylark .....	3,655
Skyhawk .....	2	Skyhawk .....	1,105
Century .....	4,097	Century .....	2,432
Regal .....	4,307	Regal .....	4,389
LeSabre .....	3,317	LeSabre .....	4,542
Riviera / Electra ..	3,572	Riviera / Electra ..	3,345
Cadillac .....	3,544	Cadillac .....	6,227
Chevrolet Chevette ..	11,988	Chevrolet Chevette ..	11,018
Camaro .....	4,575	Camaro .....	8,704
Cavalier .....	2,694	Monza .....	4,565
Citation .....	7,328	Citation .....	8,483
Malibu .....	11,509	Malibu .....	15,952
Monte Carlo .....	5,281	Monte Carlo .....	6,841
Chevrolet .....	7,584	Chevrolet .....	19,760
Corvette .....	719	Corvette .....	2,177
Olds. Omega .....	7,558	Olds. Omega .....	2,383
Cutlass .....	15,836	Cutlass .....	14,259
Delta 88 .....	8,514	Delta 88 .....	9,564
Toronado / 98 .....	3,512	Toronado / 98 .....	4,159
Pontiac Acadia .....	7,216	Pontiac Acadia .....	6,119
Lemans .....	5,882	Lemans .....	10,650
J2000 .....	2,304	Sunbird .....	3,013
Firebird .....	2,959	Firebird .....	8,679
Pontiac .....	7,710	Pontiac .....	15,763
Grand Prix .....	5,131	Grand Prix .....	5,788
Phoenix .....	5,680	Phoenix .....	4,534
<b>Total G.M. ....</b>	<b>152,831</b>	<b>Total G.M. ....</b>	<b>186,306</b>
Volvo .....	2,908	Volvo .....	2,528
Other Can. + U.S. ....	86	Other Can. + U.S. ....	27
<b>Total North American</b>	<b>284,139</b>	<b>Total North American</b>	<b>331,679</b>
Brit. Ley. Austin .....	11	Brit. Ley. Austin .....	979
M.G. ....	173	MG .....	418
Triumph .....	324	Triumph .....	332
Jaguar .....	161	Jaguar .....	138
<b>Total BLM .....</b>	<b>569</b>	<b>Total BLM .....</b>	<b>1,867</b>
Fiat .....	387	Fiat .....	1,045
Mazda .....	11,462	Mazda .....	2,695
Mercedes-Benz .....	1,026	Mercedes-Benz .....	738
BMW .....	1,067	BMW .....	500
Datsun .....	9,671	Datsun .....	4,997
Peugeot .....	182	Peugeot .....	320
Renault .....	1,224	Renault .....	764
Toyota .....	16,790	Toyota .....	4,470
Audi .....	1,793	Audi .....	751
Porsche .....	113	Porsche .....	96
Volkswagen .....	7,613	Volkswagen .....	10,419
Saab .....	216	Saab .....	433
Honda .....	20,695	Honda .....	10,936
Subaru .....	2,835	Subaru .....	480
Lada .....	4,972	Lada .....	5,745
Other imported .....	58	Other imported .....	125
<b>Total imported .....</b>	<b>80,783</b>	<b>Total imported .....</b>	<b>49,087</b>
<b>Total Industry .....</b>	<b>334,902</b>	<b>Total Industry .....</b>	<b>380,746</b>

* Source : R.L.Polk & Co., Canadian Automotive Trade magazine
---------------------------------------------------------------------

\* Source : R.L.Polk & Co.,  
Canadian Automotive Trade  
magazine

Table 4.4 - 1

Target List 200 (population as of mid-1982)

TARGET CAR #		CAR SPECIFICATION				ENGINE I			ENGINE II	
LIST A	LIST B	MY	MAN	SIZE	CYL	CID	L	VE- NT	CID	L
1	2	3	4	5	6	7	8	9	10	11
	101	82	CH	S	4	135	2.2	2		
	102			M	6	225	3.7	1		
	103		FO	S	4	98	1.6	2		
	104			C	4	140	2.3	1		
	105			C	6	200	3.3	1		
	106		GM	S	4	98	1.6	2	112	1.8
	107			C	4	151	2.5	2		
	108			C	6	173	2.8	2	231	3.8
	109			M	6	267	4.4	2	231	3.8
	110			M	8	267	4.4	2		
	111			M	8	305	5.0	2	267	4.4
	112			M	8	305	5.0	2	267	4.4
	113			M	8	305	5.0	4	267	5.7
	114			M	8	305	5.7	4	267	5.0
	115		MAZ	S	4	91	1.5	2		
	116		DAT	S	4	91	1.5	2	120	2.0
	117		TOY	S	4	89	1.5	2		
	118		HON	S	4	81	1.3	2	98	1.6
	119	81	AM	C	6	258	4.2	2	151	2.5
	120		CH	S	4	135	2.2	2		
	121			S	4	135	2.2	2	156	2.6
	122			M	6/8	225	3.7	2	318	5.2
	123		FO	S	4	98	1.6	2		
	124			C	6/4	200	3.3	1	140	2.3
	125			C	6	200	3.3	1	255	3.7
	126			F	8	302	5.0	2		
	127		GM	S	4	98	1.6	2		
	128			C	4	151	2.5	2		
	129			C	6	173	2.8	2		
	130			C	6	231	3.8	2		
	131			M	8	267	4.4	2		
	132			M	8	267	4.4	2		
	133			M	8	267	4.4	2	305	5.0
	134			M	8	305	5.0	4		
	135			M	8	305	5.0	4		
	136			F	8	305	5.0	4	267	4.4
	137			F	8	350	5.7	4	305	5.0
	138			F	8	368	6.0	0	307	5.0
	139		MAZ	S	4	91	1.5	2		
	140		DAT	S	4	91	1.5	2	119	2.0
	141		TOY	S	4	89	1.5	2	108	1.8
	142		VW	S	4	105	1.7	0		
	143		HON	S	4	81	1.3	3	98	1.6

Table 4.4 - 1 (cont'd)

TARGET CAR #		CAR SPECIFICATION				ENGINE I			ENGINE II				
LIST A	LIST B	MY	MAN	SIZE	CYL	CID	L	VE- NT	CID	L			
1	2	3	4	5	6	7	8	9	10	11			
1	144	80	AM CH	C	6	258	4.2	2					
				S	4	105	1.7	2					
				M	6	225	3.7	1					
3	145		FO	M	6/8	225	3.7	1	318	5.2			
				S	4	140	2.3	2					
				C	6	200	3.3	1					
4	146			M	8	302	5.0	2					
				F	8	302	5.0	2					
				S	4	98	1.6	2					
5	147		GM	C	4	151	2.5	2					
				C	6	173	2.8	2					
				C	6/4	173	2.8	2			151	2.5	
6	148			M	6	231	3.8	2					
				M	6	231	3.8	2					
				M	8	267	4.4	2			265	4.3	
7	149			M	8	267	4.4	2	305	5.0			
				M	8	310	4.9	4					308
				M	8	305	5.0	4					
8	150			F	8	350	5.7	4	301	4.9			
				F	8	350	5.7	4					
				S	4	89	1.5	0			97	1.6	
9	151		VW	S	4	85	1.4	2					
				DAT	S	4	134	2.2					2
				TOY	S	4	81	1.3			3		
10	152			HON	S	4							
11	153												
12	154												
13	155												
14	156												
15	157												
16	158												
17	159	79	CH	S	4	105	1.7	2					
				M	6	225	3.7	1					
				M	6	225	3.7	2					
18	160			F	8	318	5.2	2	360	5.9			
				C	6	200	3.3	1					
				M	8	302	5.0	2					
19	161		FO	F	8	302	5.0	2					
				F	8	351	5.8	2					
				S	4	98	1.6	1					
20	162		GM	C	6	231	3.8	2					
				M	6	231	3.8	2					
				M	6	267	4.4	2					
21	163			M	8	305	5.0	2					
				M	8	305	5.0	2					
				M	8	305	5.7	4					
22	164			M	8	305	5.7	4					
				M	8	305	5.7	4					
				M	8	305	5.7	4					
23	165			M	8	305	5.7	4					
				M	8	305	5.7	4					
				M	8	305	5.7	4					
24	166			M	8	305	5.7	4					
				M	8	305	5.7	4					
				M	8	305	5.7	4					
25	167			M	8	305	5.7	4					
				M	8	305	5.7	4					
				M	8	305	5.7	4					
26	168		DAT	S	4	119	2.0	2					
				HON	S	4	91	1.5			3	98	1.6
				VW	S	4	89	1.5			0		

Table 4.4 - 1 (cont'd)

TARGET CAR #		CAR SPECIFICATION				ENGINE I			ENGINE II	
LIST A	LIST B	MY	MAN	SIZE	CYL	CID	L	VE- NT	CID	L
1	2	3	4	5	6	7	8	9	10	11
22	169	78	AM	M	6	258	4.2	2	232	3.8
23			CH	S	4	105	1.7	2		
				M	6	225	3.7	1		
	170			M	6	225	3.7	2		
	171			F	8	318	5.2	2		
24			FO	S	4	140	2.3	2		
25				C	6	200	3.3	1	250	4.1
26				F	8	302	5.0	2		
	172			F	8	351	5.8	2		
27			GM	S	4	98	1.6	1		
28				M	6	231	3.8	2		
	173			M	6	250	4.1	1	200	3.3
	174			M	6	231	3.8	2		
29				M	8	260	4.3	2	305	5.0
	175			M	8	305	5.0	2		
30				F	8	305	5.0	2		
31				F	8	350	5.7	4		
	176			F	8	350	5.7	4		
	176			F	8	350	5.7	4		
32			VW	S	4	97	1.6	0		
33			HON	S	4	76	1.2	2	98	1.6
	177		TOY	S	4	97	1.6	2		
34		77	CH	M	6	225	3.7	1		
	178			M	6	225	3.7	2		
35				F	8	318	5.2	2	360	5.9
	179			F	8	360	5.9	2		
	180		FO	S	4	140	2.3	2		
36				M	6	250	4.1	1		
37				F	8	302	5.0	2		
38			GM	M	6	250	4.1	1	231	3.8
	182			M	8	305	5.0	1		
39				F	8	305	5.0	2		
40				F	8	305	5.0	2		
41				F	8	305	5.7	4		
42				F	8	305	5.7	4		
	183			F	8	305	5.7	4		
	184			F	8	400	6.6	4		
43			TOY	S	4	134	2.2	2	97	1.6
44			HON	S	4	91	1.5	3	76	1.2
	185		DAT	S	4	85	1.4	2		

Table 4.4 - 1 (cont'd)

TARGET CAR #		CAR SPECIFICATION				ENGINE I		ENGINE II		
LIST A	LIST B	MY	MAN	SIZE	CYL	CID	L	VE- NT	CID	L
1	2	3	4	5	6	7	8	9	10	11
	186	76	AM	M	6	232	3.8	1	258	4.2
45			CH	M	6	225	3.7	1		
	187			F	8	318	5.2	2		
46				F	8	360	5.9	2		
47			FO	C	4	140	2.3	2		
48				F	8	302	5.0	2	351	5.8
	188			F	8	351	5.8	2	400	6.6
	189		GM	S	4	140	2.3	2	98	1.6
49				M	6	250	4.1	1		
50				F	8	350	5.7	2		
51				F	8	350	5.7	2		
52				F	8	350	5.7	2		
	190			F	8	350	5.7	4		
	191			F	8	400	6.6	2	455	7.5
53			DAT	S	4	85	1.4	2	119	2.0
54			HON	S	4	76	1.2	2		
55		75	AM	M	6	232	3.8	1	258	4.2
56			CH	M	6	225	3.7	1		
57				F	8	318	5.2	2	360	5.9
	192			F	8	360	5.9	2	318	5.2
58			FO	S	4	140	2.3	2		
59				F	8	351	5.8	2	302	5.0
	193			F	8	400	6.6	4		
60			GM	M	6	250	4.1	2		
61				F	8	350	5.7	2	260	4.3
62				F	8	350	5.7	2		
	194			F	8	350	5.7	4		
63				F	8	400	6.6	4		
64			TOY	S	4	97	1.6	2		
	195		DAT	S	4	85	1.4	2		





Ontario

APP. B 1

Ministry  
of the  
Environment

AIR RESOURCES BRANCH  
880 Bay Street, 4th floor  
Toronto, Ontario  
M5S 1Z8

135 St. Clair Avenue West  
Suite 100  
Toronto, Ontario  
M4V 1P5

DEAR VEHICLE OWNER:

DID YOU KNOW THAT IT IS POSSIBLE TO HAVE THE  
EXHAUST EMISSIONS FROM YOUR VEHICLE TESTED AND FOR  
YOU TO BE COMPENSATED FOR YOUR CO-OPERATION?

THE VEHICLE EMISSIONS SECTION OF THE MINISTRY  
OF THE ENVIRONMENT IS CONDUCTING A RESEARCH PROJECT  
INTO EXHAUST EMISSION LEVELS OF TYPICAL ONTARIO CARS.

IF YOU WOULD LIKE TO FIND OUT WHETHER YOUR  
CAR MEETS OUR REQUIREMENTS FOR A REPRESENTATIVE  
VEHICLE, PLEASE CALL OUR TEST CENTRE AT 965-4159 (between  
8:00 a.m. to 12:00 noon and 1:00 p.m. to 4:00 p.m.) AND ASK FOR  
THE PROJECT TECHNICIAN, OR LEAVE A MESSAGE WITH CAR  
DATA (Model Year, Manufacturer, Model, Mileage, Engine Size) AND  
YOUR NAME AND PHONE NUMBER.

VEHICLE EMISSIONS SECTION  
965-4159



Ontario

APP. B 2

Ministry  
of the  
Environment

AIR RESOURCES BRANCH  
880 Bay Street, 4th Floor  
Toronto, Ontario  
M5S 1Z8

135 St. Clair Avenue West  
Suite 100  
Toronto, Ontario  
M4V 1P5

Dear Vehicle Owner:

The Ontario Ministry of the Environment is willing to pay you for the brief use of your automobile (subject to suitability) in a special exhaust emission research project currently sampling automobiles operating in Ontario. The results of the test could be beneficial to you.

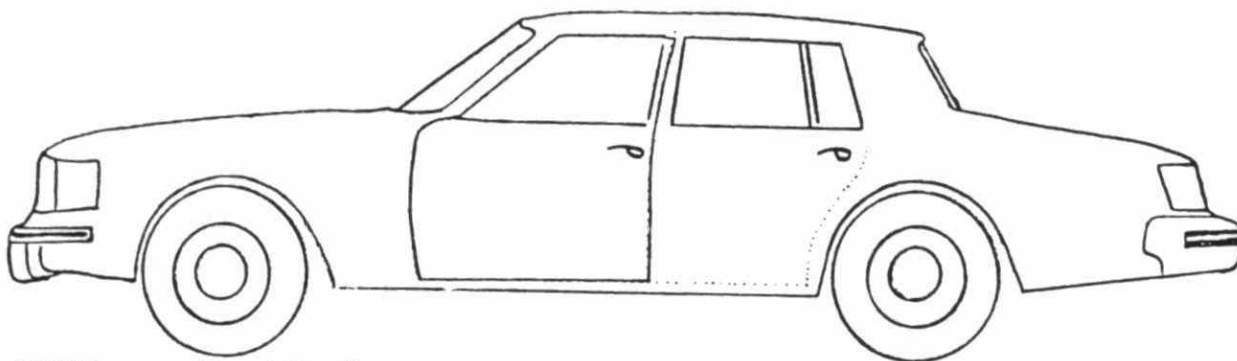
For more information please call 965-4159 between the hours of 8:00 a.m. to 12:00 noon and 1:00 p.m. to 4:00 p.m. Ask for the Project Technician.

IMPORTANT: Quote Reference Number E-

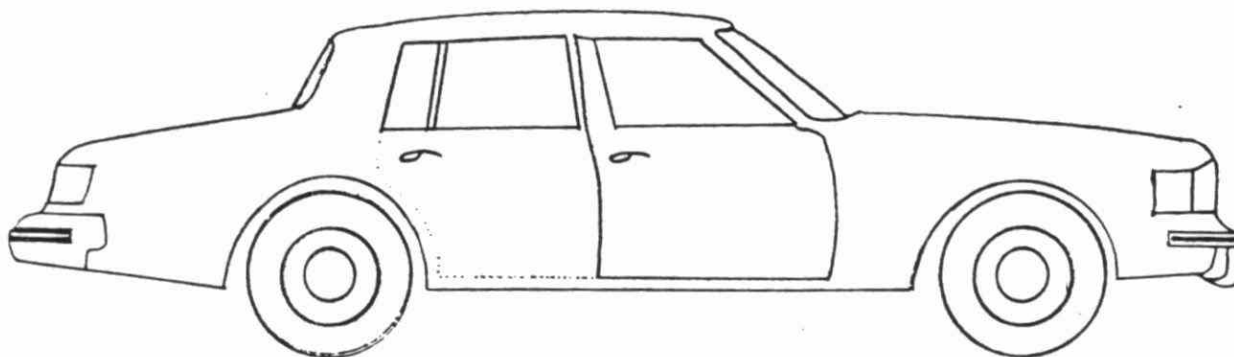
Yours very truly,

J. G. Jefferies  
Supervisor  
Vehicle Emissions Section

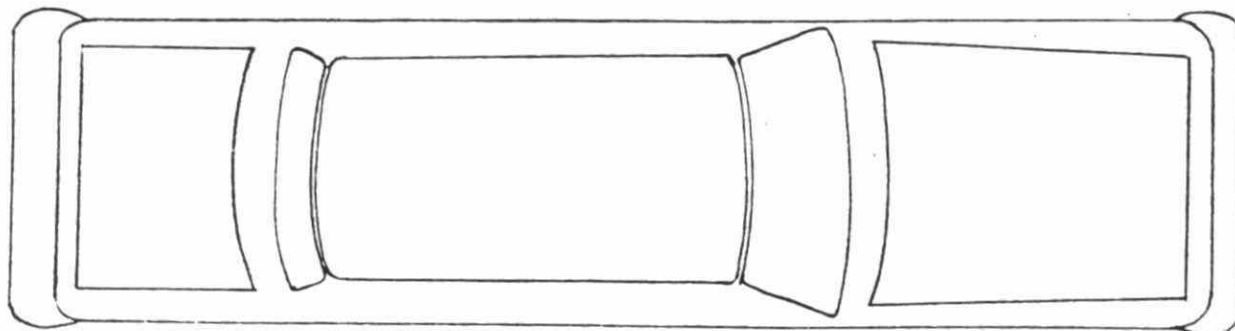
JGJ/IR/as: VE 1/860



- LEFT
- Front Fender
  - F. Door & Window
  - R. Door & Window
  - Rear Fender
- REAR
- Lights (+ working)
  - Bumper
  - Window
- Trunk & Contents



- RIGHT
- Rear Fender
  - R. Door & Window
  - F. Door & Window
  - Front Fender
- FRONT
- Lights (+ working)
  - Bumper
- GRILL & HOOD
- Windshield & Wipers
- Roof
- TIRES
- INTERIOR
- Trim (seats, carpet, dashb., doors)
  - Contents
  - Radio, Tape
- HAND-Brake
- OTHER ITEMS checked:



INSPECTION (BEFORE TEST)

The vehicle licence # ..... has been inspected at .....hours am/pm  
on ..... in my presence and I, the vehicle owner  
..... am aware of those scratches, dents and other damage,  
as shown on the VEHICLE INSPECTION SHEET (see reverse).

Date:

.....

Vehicle Owner

RECEIPT

The above vehicle, .....car key(s), Passenger Motor Vehicle Permit  
and Motor Vehicle Liability Insurance Card have been received by the Ministry  
of the Environment at ..... am/pm on .....198 .

.....

MOE Representative

Page 1 of 2

AGREEMENT

Between: Mr., Mrs..... (the "owner")  
 of .....  
 .....  
 owner of vehicle: 19 ..... ,  
 Ontario licence # .....

and Her Majesty the Queen in right of Ontario as represented by the  
 Minister of the Environment.

Ontario Ministry of the Environment, ("MOE") Air  
 Resources Branch, Vehicle Emissions Section, 880 Bay  
 Street, 4th Floor, Toronto, Ontario. M5S 1Z8, phone: (area  
 (416)965-4493.

1. The owner agrees to rent his vehicle to MOE, Vehicle Emissions Section for dynamometer testing purposes (idle and CVS tests) for the period of 2 days (i.e., from approximately 7:00 - 9:00 a.m. of the first day to approx. 3:00 - 5:00 p.m. the second day), during which period of time MOE will be the sole user of the vehicle. Test dates to be arranged and agreeable to both parties.
2. On the first test day the owner will provide the vehicle together with at least ½ tank full of gasoline (same brand as normally used), the Passenger Motor Vehicle Permit and Motor Vehicle Liability Insurance Card. The vehicle will be delivered to the MOE at .....  
 .....
3. MOE agrees to handle the test vehicle in all phases of the test by trained test technicians only, and to limit adjustments to vehicle to tire pressure and to idle mode, if at all necessary. A total of approximately 30 miles or 50 kilometers plus necessary pick-up and delivery will be driven.

Page 2 of 2

4. It is further agreed that the sum of \$ . . . . . will be paid by MOE to the owner as the only compensation for use of the car, its normal wear and for fuel consumed.
5. MOE is not responsible in any way for breakdown of the vehicle or its components during the test or normal use unless the breakdown occurs as a result of the negligence of MOE.
6. Subject to Section 5 of this Agreement, MOE accepts responsibility for loss or damage to the vehicle while in MOE possession and further agrees to hold harmless the owner from claims of others.
7. If due to late delivery of vehicle or misrepresentation by owner, its failure or fuel shortage, the 2-day test cannot be performed or completed, MOE will reduce the amount of compensation according to quality and quantity of acquired test data, but such compensation will not be less than ten dollars. No compensation will be paid on vehicles that have not been taken over by MOE on the first test day.

---

Signature of Owner

---

Witnessed by

---

on

---

Date

---

Signature of MOE  
Representative

---

Date

Copy 1     owner  
Copy 2     MOE

TEST VEHICLE QUESTIONNAIRE

OWNER	Mr. Miss.	Comp.				
	Mrs. Ms.		Family Name	First Name	2nd Initial	
Address:						
	Street #	Street Name			Apt. #	
	Municipality				Postal Code	
Phone:	During working hours			(      )	-	
				(      )	-	
VEHICLE						
	Make		Model		19	
					Model Year	
VIN:						
					Ontario Lic.	
					#	
ENGINE	....	L6	Rotary	Transmission:	- Automatic	
	4	V6	V8		- Manual	
		Cylinders			- Semiautomatic	
					CID	Litres
True Mileage:			Miles:	Air cond.	Yes	
			Kilom.		No	
Fuel normally used:	Leaded	Unleaded:	- Regular	Diesel Fuel		
			- Premium			
USAGE	Purchased:	- New	- Used:	- from dealer		
				- from private party/company		
Yearly vehicle	miles	travelled				
	kilom.					
What is approximately the percentage of: - city driving - highway driving						
What is your	estimated	fuel economy in		miles per gallon		
	measured			litres per 100 km		
-all year around		- in the city		- on highway		
Is this vehicle used to commute to work? (Pick 1)						
	Always	Frequently	Seldom	Never		

What is the one-way trip length (by car only)?

miles  
kilom.

What is the normal commuting time spent in car (in minutes):

- to work

- from work

How is this car parked?  
(Pick 1 in each group)

A) at home:

- outside
- inside, unheated
- inside, heated

B) at work:

- outside
- inside, unheated
- inside, heated

## MAINTENANCE

Last tune-up performed

less than 1 month ago  
approx.      months ago

How often do you normally get a tune-up (this car only)?

- regularly,      times per year
- on irregular basis or when problems occur, usually      times per year.

Most recently the tune-ups have  
been performed at or by:  
Pick 1 or 2)

- car dealership
- tune-up spec. shop
- gas station/garage
- independ. mechanic
- skilled friend/self

Recently did you notice some of the following problems (check 1 or more):

- hard starting when cold
- hard starting when hot
- stalling
- rough idle
- engine misfiring
- poor acceleration
- stumbling (hesitation)
- dieseling (after run)

## GENERAL

How many licensed drivers are there in the household?

Besides this test vehicle, how many other cars, vans or LD-trucks are there?

These are:	Sub- Compact	Compact	Intermediate	Full Size
	Van	LD-truck		

Date:

RELEASE FORM

1. I, the owner of vehicle Licence # ..... have inspected the vehicle  
(after it has been emission tested and returned by MOE staff to me)  
and found the condition of the vehicle to be

the same as when inspected on .....

different in .....

.....

2. Also, the following items have been returned to me complete and undamaged:
- car key(s)
  - Passenger Motor Vehicle Permit
  - Motor Vehicle Liability Insurance Card

3. I request the cheque to be mailed to:

my address as shown in the questionnaire,

the following address: .....

.....

4. I accept the vehicle and release the Ministry of the Environment from  
responsibilities for this vehicle as of ..... hours am/pm, .....  
1980.

5. This release does not apply to any claims with respect to unobserved  
damage if written notice of such claim is given to the MOE within 7  
(seven) days of the above date.

.....  
Owner's Signature

61  
11:52 MONDAY, AUGUST 20, 1984

APP. C 1

	T E S T C A S R	S U B T E S T	M T C T E S T		I N E R T I A	S P E C I F I C A T I O N	C A R M O D E L		M O T O R L I T Y	E N G I N E R Y P E	A M B L V E A N G E	E M S T E M	H C E P W E I G H T	C O J E P W E I G H T	C O D E P W E I G H T	N O E P W E I G H T	F C E P W E I G H T	C O F F I C I E N T	C O F F I C I E N T	O N T A N E R				
49	0105	0	81017	P	450	U	40	CHEV-IMPALA	71	A3	5.7	350	V8	2	91	MOD-ADJU	4.45	60.29	515.3	5.07	16.48	2.20	0.10	7
50	0106	0	81020	P	450		40	PONT-GXPRIX	76	A3	5.7	350	V8	2	76	CAT	3.80	45.25	604.0	3.86	18.00	2.40	0.05	73
51	0107	0	81023	P	250	C	84	JSSR-LADA	79	M4	1.5	89	L4	2	14	CAT+ATR	2.84	25.62	303.0	2.42	9.24	1.20	0.20	3
52	0108	0	81024	P	450		40	PONT-ST	79	A3	5.7	350	V8	4	43	CAT	1.98	26.83	569.6	2.58	16.20	1.50	0.10	2
53	0109	0	81025	P	350	U	40	OLDS-CJTLAS	78	A3	3.8	231	V6	2	76	CAT	2.44	45.98	408.5	3.14	12.79	3.30	0.10	72
54	0110	U	81026	P	350	C	40	PONT-LEMANS	79	A3	3.8	231	V6	2	36	CAT+ATR	0.72	8.31	468.1	3.52	12.67	0.05	0.05	4
55	0111	U	81027	P	250	U	40	CHEV-CHEVET	80	A3	1.6	98	L4	2	5	CAT+ATR	0.29	9.11	383.8	1.11	10.46	0.05	0.05	0
56	0112	U	81028	P	450	U	40	CHEV-IMPALA	69	A3	5.4	327	V8	2	52	MOD	5.75	74.38	520.6	3.70	17.33	2.55	1.45	2
57	0113	0	81029	P	550	U	40	CHEV-IMPALA	75	A3	6.6	400	V8	4	70	CAT+ATR	1.45	12.25	734.5	2.02	19.87	0.20	0.05	0
58	0114	0	81030	P	250	T	20	PLYM-HORIZO	79	A3	1.7	105	L4	2	14	AIR	1.72	43.14	286.9	2.26	9.51	1.20	0.60	2
59	0115	0	81032	P	275		20	PLYM-RELIAN	81	A3	2.6	156	L4	2	4	MOD	1.22	33.79	355.2	4.39	10.90	3.30	1.60	6
60	0116	0	81033	P	450		40	CHEV-IMPALA	81	A3	5.0	305	V8	4	5	CAT	0.83	9.05	585.2	3.47	15.76	0.05	0.05	4
61	0117	0	81049	P	350	T	20	PLYM-VOLARE	79	A3	3.7	225	L6	1	15	CAT+ATR	1.58	29.95	404.7	3.08	11.97	4.40	0.10	2
62	0120	0	81040	P	400		30	FORD-LTD	79	A3	5.0	302	V8	2	11	CAT+ATR	0.59	18.75	539.1	1.90	14.95	0.05	0.05	0
63	0121	0	81041	P	200	T	72	TOYO-TERCEL	81	A3	1.5	89	L4	2	6	MOD	1.00	16.61	278.1	2.23	8.06	1.60	0.70	0
64	0122	0	81042	P	400		40	CHEV-NOVA	75	M3	4.1	250	L6	2	50	CAT	2.32	22.74	522.8	1.92	14.79	.	.	1.
65	0123	0	81043	P	500		40	PONT-GSAFAR	78	A3	5.7	350	V8	4	45	CAT	2.28	35.82	595.1	5.81	17.24	.	.	7.
66	0124	0	81048	P	400	T	20	DODG-CORONE	75	A3	5.2	318	V8	2	38	MOD	2.92	30.68	616.7	3.55	17.93	2.50	0.20	7
67	0125	0	81071	P	450	U	30	MERC-CONGAR	78	A3	5.0	302	V8	2	32	CAT+ATR	2.04	20.96	666.7	0.63	18.48	0.05	0.10	10
68	0126	0	81052	P	200	T	81	HOND-CIVIC	78	M4	1.2	76	L4	2	28	MOD	4.86	43.05	242.9	1.89	8.63	3.60	4.00	3
69	0127	0	81053	P	300	U	30	FORD-PINTO	78	A3	2.3	140	L4	2	42	CAT	2.37	33.10	343.3	1.16	10.53	4.90	0.05	3
70	0128	U	81056	P	400	C	40	OLDS-ROYALB	81	A3	5.0	307	V8	4	4	CAT	1.06	2.50	490.1	4.70	13.01	0.10	0.05	4
71	0129	U	81057	P	350	U	30	MERC-	77	A3	4.1	250	L6	1	35	CAT+ATR	1.45	6.84	481.0	1.59	13.00	0.10	0.40	0
72	0130	U	81059	P	275	C	40	OLDS-OMEGA	81	A3	2.8	173	V6	2	10	CAT+ATR	0.63	13.28	520.1	1.55	14.20	3.30	0.01	0
73	0131	0	81060	P	300	U	30	FORD-FAIRMO	78	A3	3.3	200	L6	1	35	CAT+ATR	2.44	41.82	417.2	1.01	12.84	3.60	0.05	3
74	0132	0	81063	P	350	T	20	DODG-DART	75	A3	3.7	225	L6	1	73	MOD	3.25	45.35	391.1	2.32	12.46	6.80	2.00	3
75	0133	0	81064	P	350		30	FORD-FAIRMO	80	A3	3.3	200	L6	1	12	CAT+ATR	1.71	21.81	385.9	1.53	11.14	0.10	0.05	0
76	0134	0	81070	P	400	C	40	CHEV-CAMARO	79	A3	5.0	305	V8	2	29	CAT	1.53	19.13	486.9	4.20	13.67	0.01	0.02	4
77	0135	0	81074	P	400	T	40	CHEV-IMPALA	77	A3	5.0	305	V8	2	44	CAT	2.40	25.79	467.4	2.31	13.49	3.60	0.05	3
78	0136	0	81075	R	350	C	40	OLDS-RONIGH	81	A3	3.8	231	V6	2	1	CAT	0.40	8.89	475.4	0.92	12.84	0.05	0.05	0
79	0148	0	82054	P	250	C	55	DATS-B210	78	A3	1.4	85	L4	2	14	AIR	1.34	13.64	312.5	2.41	8.94	0.40	0.20	0
80	0149	0	82066	P	450	L	40	PONT-PARISI	77	A3	5.7	350	V8	4	70	CAT	3.32	63.47	559.9	3.77	17.51	5.40	0.05	7
81	0150	0	81163	P	250	C	40	CHEV-CHEVET	81	A3	1.6	98	L4	2	7	CAT	0.41	7.65	362.7	3.53	9.87	0.10	0.30	4
82	0151	0	82023	P	250	C	55	DATS-310GX	81	M5	1.5	91	L4	2	11	AIR	2.10	25.71	285.1	2.38	8.73	6.20	1.40	3
83	0152	0	82048	P	450	U	40	OLDS-CJTLAS	76	A3	5.7	350	V8	4	88	CAT	2.16	24.08	558.0	1.63	15.78	0.05	0.05	1
84	0153	0	82061	P	250	T	20	PLYM-HORIZO	79	A3	1.7	105	L4	2	11	AIR	2.14	39.47	283.1	1.79	9.28	0.40	0.30	3
85	0154	0	82009	P	450	U	40	PONT-GRPRIX	74	A3	5.6	400	V8	4	66	MOD	2.91	31.36	607.6	5.30	17.55	2.40	0.05	6
86	0157	0	81127	P	350	C	40	PONT-LEMANS	79	A3	5.0	305	V8	4	26	CAT	0.81	10.11	544.7	2.88	14.76	0.10	0.60	0
87	0158	0	81128	R	350	C	40	OLDS-CJTLAS	81	A3	3.8	231	V6	2	9	CAT	1.12	9.88	424.9	3.29	11.62	0.05	0.20	4
88	0159	0	81133	P	450	U	30	FORD-TBIRD	78	A3	5.8	351	V8	2	29	CAT+ATR	2.63	14.38	588.3	2.25	16.23	0.50	0.50	1
89	0160	0	81134	P	350	C	40	PONT-LEMANS	80	A3	3.8	231	V6	2	9	CAT	0.53	7.98	462.6	3.02	12.49	0.02	0.02	0
90	0161	0	81148	P	400	U	30	MERC-MONARC	76	A3	5.8	351	V8	2	69	CAT+ATR	4.76	84.44	501.5	3.81	16.96	6.20	1.60	7
91	0162	0	81153	P	450		40	PONT-GRPRIX	77	A3	5.6	400	V8	4	72	CAT	2.86	33.02	529.7	1.84	15.43	2.80	0.60	3
92	0163	0	81168	P	450	C	40	PONT-CATALI	79	A3	5.7	350	V8	4	29	CAT	1.48	11.79	594.4	2.56	16.16	0.10	0.05	0
93	0164	0	81157	P	350	T	40	PONT-LEMANS	78	A3	3.3	200	V6	2	45	CAT	3.35	58.25	406.9	3.57	13.31	6.80	1.20	7
94	0165	0	81158	P	400	T	40	PONT-PARISI	78	A3	5.7	350	V8	4	41	CAT	3.58	52.10	539.7	3.29	16.54	4.40	2.20	7
95	0166	0	81169	P	400	C	40	OLDS-CJTLAS	79	A3	5.0	305	V8	2	34	CAT	4.93	81.96	418.4	1.70	14.67	5.20	2.20	3
96	0167	0	81171	P	400	T	40	PONT-PROFENI	78	A3	5.0	305	V8	1	37	CAT	4.39	61.64	453.8	2.84	14.76	4.60	2.40	3



WIDER ONTARIO SAMPLE - 295 CARS  
LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SUBTEST-PART A

64  
11:52 MONDAY, AUGUST 20, 1984

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65  
11:52 MONDAY, AUGUST 20, 1984

	T E S T C A S E	S U B T E S T	M T C T E S T		I N T E R E S T	S P E C I F I C	C A R M O D E L		M O D E L B O D Y	T R A N S M I S S I O N	L I T E R A T U R E	E N G I N E	C A R T Y P E	M M I L I S T E R E M	H C E P W E I G H T	C O E P W E I G H T	C O 2 E P W E I G H T	N O E P W E I G H T	F C E P W E I G H T	C O I D L E	C O F A S T I D	O N T A I N E R		
193	0269	0	83022	P	400	C	40	CHEV-CAPRIC	79	A3	5.0	305	V8	2	38	CAT	1.58	17.34	542.0	2.87	15.04	0.05	0.05	0.05
194	0270	0	83027	D	400	T	20	PLYM-VOLARE	78	A3	5.2	318	V8	2	73	CAT-DEF	4.69	49.12	552.8	4.06	16.96	1.20	0.10	7.0
195	0271	0	83028	D	450	U	30	MERC-COUGAR	74	A3	5.8	351	V8	2	124	AIR	1.91	15.45	805.7	2.88	22.06	0.20	0.10	0.0
196	0272	0	83033	R	250	C	40	CHEV-CHEVET	83	A3	1.5	98	L4	2	16	CAT	0.65	9.00	309.8	4.93	8.54	0.05	0.05	4.0
197	0273	0	83034	D	225	C	55	DATS-B210	78	A3	1.4	85	L4	2	31	AIR	1.45	15.07	289.6	2.55	8.39	2.40	1.20	0.0
198	0274	0	83039	D	250		40	CHEV-CHEVET	76	A3	1.6	98	L4	1	97	CAT	4.93	109.61	285.9	1.11	12.58	8.60	4.60	3.7
199	0275	0	83040	D	400	U	40	CHEV-MALIBU	78	A3	5.0	305	V8	2	73	CAT	6.14	77.79	507.2	2.03	17.04	4.20	1.00	3.3
200	0276	0	83045	D	350	U	40	PONT-VENTUR	77	A3	3.8	231	V6	2	72	CAT	1.57	15.75	544.0	2.14	15.01	0.60	0.10	0.1
201	0277	0	83046	D	450	U	30	FORD-CUSTOM	78	A3	5.0	302	V8	2	102	CAT-DEF	6.97	109.20	512.6	5.36	18.63	6.80	1.80	7.7
202	0278	0	83050	D	250	C	40	PONT-ACADIA	79	A3	1.5	98	L4	1	52	CAT	3.02	43.73	318.1	3.89	10.38	6.00	0.60	7.2
203	0279	0	83051	D	450	L	20	DODG-ASPEN	76	A3	5.2	318	V8	2	102	CAT	2.74	6.72	663.2	3.76	17.84	0.10	0.20	5.1
204	0280	0	83055	D	350	L	20	DODG-ASPEN	78	A3	3.7	225	L6	1	44	CAT	3.76	60.78	418.3	4.73	13.74	3.60	1.60	7.6
205	0281	0	83056	D	450	U	40	OLDS-CUTLAS	77	A3	5.7	350	V8	4	94	CAT	2.63	15.36	617.6	1.29	16.99	0.40	0.20	1.0
206	0282	0	83061	D	450	U	40	OLDS-CUTLAS	75	A3	4.3	260	V8	2	78	CAT	1.86	9.27	605.6	5.85	16.38	0.05	0.05	4.0
207	0283	0	83062	P	275	U	72	TOYO-CELICA	73	M4	2.0	120	L4	2	80	MOD	3.93	52.35	329.0	4.51	11.13	3.40	2.60	7.4
208	0284	0	83068	P	275	U	30	FORD-PINTO	78	A3	2.3	140	L4	2	73	CAT	2.53	53.61	367.6	4.58	12.02	0.80	0.20	7.0
209	0285	0	83093	D	400		20	PLYM-VOLARE	W 77	A3	3.7	225	L6	2	96	CAT-DEF	4.63	62.92	509.7	3.99	16.31	3.80	1.60	7.6
210	0286	0	83096	D	400		20	PLYM-VOLARE	W 78	A3	3.7	225	L6	2	110	CAT+AIR	3.19	49.80	476.2	2.00	14.76	9.99	2.20	3.7
211	0287	0	83078	P	350	U	40	PONT-VENTUR	77	A3	3.8	231	V6	2	74	CAT	3.75	56.17	469.7	1.34	14.89	0.40	0.10	3.3
212	0288	0	83079	P	350	U	30	FORD-GRANAD	78	A3	4.1	250	L6	2	88	CAT+AIR	3.55	50.55	372.1	2.38	12.09	6.00	0.40	3.3
213	0289	0	83084	P	400		20	DODG-ASPEN	77	A3	5.2	318	V8	2	67	MOD	4.60	92.95	613.9	3.18	20.37	3.80	1.00	7.2
214	0290	0	83086	P	450	U	20	DODG-POLARA	66	A3	5.2	318	V8	2	179	PCV	7.59	144.76	598.0	4.01	22.40	5.40	1.20	2.2
215	0291	0	83092	P	350	U	20	DODG-DUSTER	73	A3	5.2	318	V8	2	59	MOD	5.45	134.84	538.3	1.20	20.23	2.50	1.80	3.4
216	0292	0	83098	R	300	C	40	BUIC-CENTUR	83	A3	2.8	173	V6	2	25	CAT	1.86	22.06	398.0	3.67	11.46	3.40	0.05	4.2
217	0293	0	83103	P	225	U	72	TOYO-COROLL	74	M4	1.5	97	L4	2	126	MOD	5.60	26.36	276.0	2.15	8.79	0.20	3.40	1.5
218	0294	0	83104	P	250	L	20	DODG-OMNI	78	A3	1.7	105	L4	2	54	AIR	3.08	69.83	302.7	1.40	11.12	0.30	0.60	3.0
219	0295	0	83108	P	300	-	30	MERC-COMET	62	A3	2.8	170	L6	1	131	NONE	4.61	44.26	336.1	2.75	11.04	4.80	5.80	0.4
220	0296	0	83111	P	400	C	40	OLDS-CUTLAS	81	A3	5.0	305	V8	2	22	CAT	0.63	6.73	521.1	3.31	14.28	0.05	0.05	4.0
221	0297	0	83112	P	225	C	75	VW -RABBIT	79	M4	1.5	89	L4	0	62	FUEL INJ	1.38	9.42	324.4	2.66	9.03	0.80	0.40	0.0
222	0298	0	83114	P	450	C	40	PONT-LAUREN	79	A3	5.7	350	V8	4	39	CAT	2.79	30.43	593.2	2.84	17.00	0.10	0.10	3.0
223	0299	0	83115	P	350	U	20	DODG-DART	68	A3	3.7	225	L6	1	163	MOD	6.54	147.32	359.3	1.86	16.16	9.99	4.60	3.6
224	0300	0	83119	P	400	U	20	PLYM-FURY	68	A3	3.7	225	L6	1	128	MOD-SOOT	59.17	114.17	296.9	0.38	17.45	6.80	3.80	3.6
225	0301	0	83121	P	350	-	20	DODG-DART	67	A3	3.7	225	L6	1	100	PCV	4.05	95.04	459.3	5.93	16.33	6.40	4.80	6.6
226	0302	0	83122	R	450	C	40	OLDS-DELTAB	83	A4	5.0	307	V8	4	19	CAT	0.96	8.28	578.6	3.85	15.53	0.05	0.05	4.0
227	0303	0	83123	P	250	C	55	DATS-B210	79	M5	1.4	85	L4	2	50	AIR	2.94	23.57	330.9	1.98	9.92	2.60	3.60	1.6
228	0304	0	83124	P	300	C	30	FORD-MUSTAN	83	A3	3.8	232	V6	2	1	CAT+AIR	0.72	8.32	476.6	2.91	12.88	0.05	0.05	0.0
229	0305	0	83125	P	300	C	40	BUIC-SKYLAR	82	A3	2.5	151	L4	2	16	MOD	1.31	9.01	428.9	2.96	11.68	0.20	3.60	0.4
230	0306	0	83126	P	225		72	TOYO-COROLL	78	M4	1.5	97	L4	2	44	MOD	8.05	140.09	237.7	0.65	12.60	3.40	0.20	3.2
231	0307	0	83128	R	300	C	40	OLDS-FIREN7	83	A3	2.0	122	L4	2	3	CAT	0.37	7.12	486.8	3.48	13.04	0.05	0.10	4.0
232	0308	0	83131	P	250	U	72	TOYO-COROLL	74	A3	1.5	97	L4	2	95	AIR	2.06	8.79	350.0	4.41	9.77	0.20	0.30	4.0
233	0309	0	83132	P	450	L	20	DODG-ASPEN	W 76	A3	5.9	360	V8	2	108	CAT	6.33	109.81	582.0	2.57	20.23	6.40	0.20	3.3
234	0310	0	83135	P	250	C	55	DATS-B210	77	M4	1.4	85	L4	2	55	AIR-DEF	4.13	27.00	259.0	2.33	8.26	4.80	2.60	3.7
235	0311	0	83137	P	275	U	30	FORD-PINTO	80	A3	2.3	140	L4	2	26	CAT	1.64	32.50	418.0	1.45	12.37	3.60	0.40	2.2
236	0312	0	83141	P	275	U	30	FORD-PINTO	75	A3	2.3	140	L4	2	130	CAT	2.90	49.31	409.9	2.77	12.96	8.40	1.40	3.2
237	0313	0	83142	P	400	L	20	DODG-ASPEN	W 77	A3	5.2	318	V8	2	114	CAT	7.15	66.99	567.3	5.44	18.21	4.40	0.80	7.3
238	0314	0	83145	P	225	U	75	VW -BEETLE	71	M4	1.5	97	L4	1	104	MOD	13.27	109.84	342.3	1.05	14.68	3.20	2.80	3.4
239	0315	0	83147	R	350	U	10	AM -CONCOR	83	A3	4.2	258	L6	1	6	CAT+AIR	0.65	5.83	500.6	1.43	13.40	0.05	0.05	0.0
240	0316	0	83149	R	300	L	30	FORD-FAIRM	83	A3	2.3	140	L4	1	15	CAT	1.35	12.24	442.0	1.67	12.19	0.05	0.05	0.0

WIDER ONTARIO SAMPLE - 295 CARS  
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	T E S T C A R S	S U B T E S T	M A K E S	I N T E R I O R	S P E C I F I C A T I O N	C A R M O D E L	M O D E L Y E A R	T R A N S M I S S I O N	L I T E R A T U R E	E N G I N E	C A R B O N E M I S S I O N	M M I S T A K E S	H E A D L I N E S	C O O P E R A T I O N	C O O P E R A T I O N	N O T E S	F E E D B A C K	C O M M E N T S	C O M M E N T S	C O M M E N T S					
241	0317	0	83150	P	275	-	55	DATS-SX200	79	A3	2.0	119	L4	2	25	AIR	1.97	21.28	382.4	3.18	11.15	0.60	0.40	4	0
242	0318	0	83153	P	500	C	30	MERC-RIDEAU	75	A3	6.5	400	V8	4	138	AIR-DEF	1.95	38.79	810.6	4.41	23.12	1.60	0.20	5	0
243	0319	0	83157	P	450	U	20	DODG-CORONE	74	A3	5.2	318	V8	2	103	MOD	6.30	86.31	589.2	4.15	19.48	5.60	1.20	7	6
244	0320	0	83159	C	350	C	30	FORD-GRAVAD	82	A3	3.3	200	L6	1	30	CAT+AIR	0.83	13.02	424.7	1.50	11.73	0.05	0.05	0	0
245	0322	0	83165	H	300	C	40	BUIC-SKY_AR	82	A3	2.8	173	V6	2	28	CAT	1.54	15.52	397.3	2.71	11.14	0.05	1.00	0	0
246	0323	0	83170	P	450	U	20	CHRY-NEWPOR	68	A3	6.3	383	V8	2	69	MOD-ADJU	2.86	12.44	653.1	5.87	17.96	0.20	0.40	4	1
247	0324	0	83171	P	400	U	40	PONT-LEMANS	72	A3	5.7	350	V8	2	89	MOD	4.53	85.78	597.1	1.87	19.71	2.00	1.00	3	0
248	0325	0	83173	R	350	C	40	PONT-GRPRIX	83	A3	3.8	231	V6	2	15	CAT	0.94	11.33	500.6	1.78	13.65	0.05	0.05	0	0
249	0326	0	83174	H	450	C	40	CHEV-CAPRIC	83	A3	5.0	305	V8	4	3	CAT	0.56	4.21	606.3	1.88	16.06	0.05	0.05	0	0
250	0327	0	83179	P	225	C	75	VW -RABBIT	83	M4	1.7	105	L4	0	5	FUEL INJ	1.30	4.92	335.1	3.16	9.13	0.20	0.20	4	0
251	0328	0	83180	R	350	U	30	FORD-LTD	83	A3	3.8	232	V6	2	11	CAT+AIR	1.05	15.90	536.3	1.21	14.76	0.05	0.05	0	0
252	0329	0	83185	P	350	U	40	CHEV-NOVA	71	A2	4.1	250	L6	1	92	MOD	5.35	32.24	484.6	3.79	14.54	1.00	0.60	1	1
253	0330	0	83187	P	350	U	30	FORD-TBIRD	83	A3	3.8	232	V6	2	5	CAT+AIR	2.00	25.82	504.2	2.55	14.41	0.05	0.05	2	0
254	0331	0	83192	P	350	U	10	AM -CONCOR	79	A3	3.8	232	L6	1	68	CAT+AIR	1.34	15.93	490.4	1.33	13.60	0.10	0.10	0	0
255	0332	0	83193	P	350	U	20	DODG-DART	70	A3	5.2	318	V8	2	89	MOD	4.58	70.95	481.3	4.15	15.97	4.80	1.40	7	2
256	0333	0	83196	P	500	U	20	PLYM-SUBJRB	71	A3	5.2	318	V8	2	128	MOD	2.97	41.44	601.2	5.47	17.80	0.85	0.80	6	0
257	0335	0	83200	P	350	U	40	CHEV-MONTEC	72	A3	5.7	350	V8	2	129	MOD	3.99	83.37	496.2	2.09	16.83	4.60	0.50	3	2
258	0336	0	83201	P	350	U	30	FORD-MUSTAN	71	A3	5.0	302	V8	2	93	MOD	2.86	52.36	538.2	3.62	16.56	5.20	1.40	2	2
259	0338	0	83211	P	450	U	40	CHEV-IMPALA	70	A3	5.7	350	V8	4	150	MOD	5.25	82.45	552.3	2.09	18.22	3.40	1.00	3	3
260	0339	0	83214	R	250	C	30	FORD-ESCORT	83	A3	1.6	98	L4	2	11	CAT+AIR	1.95	18.00	351.7	2.47	10.10	0.40	1.50	0	0
261	0340	0	83215	P	300	C	30	FORD-MUSTAN	82	A3	2.3	140	L4	2	30	CAT	1.25	14.14	446.9	1.66	12.38	1.00	0.05	0	0
262	0341	0	84006	P	225	C	55	DATS-310	80	M4	1.4	85	L4	2	35	AIR	1.88	25.41	320.0	2.31	9.65	5.00	0.80	2	2
263	0342	0	84007	P	350	U	40	CHEV-NOVA	71	A3	4.1	250	L6	1	152	MOD	2.64	32.29	518.9	2.47	15.17	0.20	0.10	0	0
264	0343	0	84008	R	275	C	30	FORD-TEMPO	84	A3	2.3	140	L4	1	9	CAT+AIR	1.27	18.18	379.1	1.21	10.79	0.05	0.05	0	0
265	0344	0	84009	P	400	U	40	CHEV-CHEVEL	70	A3	5.0	307	V8	2	154	MOD	4.07	30.89	525.4	3.86	15.50	4.20	1.50	0	2
266	0345	0	84010	P	400	C	40	OLDS-DELTA8	84	A4	5.0	307	V8	4	7	CAT	1.13	4.36	552.0	3.42	14.71	0.05	0.05	4	0
267	0346	0	84013	R	250	U	30	FORD-ESCORT	84	A3	1.6	98	L4	2	3	CAT+AIR	2.25	26.82	314.2	1.78	9.51	0.40	1.40	3	0
268	0347	0	84014	R	350	C	40	PONT-LEMANS	83	A3	3.8	231	V6	2	22	CAT	0.80	6.42	429.0	1.91	11.56	0.10	0.10	0	0
269	0348	0	84019	R	325	C	40	CHEV-CELEBR	83	A3	2.9	173	V6	2	24	CAT	0.71	4.94	436.5	3.89	11.69	0.05	0.05	4	0
270	0349	0	84020	R	450	U	30	LINC-TOWNCA	84	A3	5.0	302	V8	0	5	CAT+AIR	0.58	1.78	594.6	1.44	15.70	0.05	0.05	0	0
271	0350	0	84023	P	450	U	30	FORD-MONTEG	73	A3	5.8	351	V8	2	136	MOD	3.83	61.28	611.1	4.80	18.95	6.00	2.80	7	6
272	0351	0	84025	R	275	C	40	CHEV-CAVALI	84	A3	2.0	121	L4	2	6	CAT	0.42	5.17	389.0	1.57	10.43	0.05	0.05	0	0
273	0352	0	84029	P	425	C	30	FORD-LTD	80	A3	5.0	302	V8	2	72	CAT+AIR	25.61	247.54	452.0	0.49	24.08	1.40	0.60	3	0
274	0353	0	84031	R	238	C	40	PONT-PHOENI	84	A3	2.5	151	L4	0	3	FUEL INJ	2.86	3.26	352.8	2.65	9.60	0.05	0.10	1	0
275	0354	0	84036	P	350	U	20	DODG-DART	70	A3	3.7	225	L6	1	192	MOD	4.81	97.54	366.2	4.24	14.12	6.80	3.50	7	6
276	0355	0	84063	P	313	U	10	AM -CONCOR	80	A3	2.5	151	L4	2	41	CAT+AIR	0.77	4.38	445.7	2.64	11.91	2.00	0.05	0	1
277	0356	0	84040	P	400	C	40	PONT-LAUREN	79	A3	5.0	305	V8	2	54	CAT	1.84	15.87	603.9	3.00	16.60	0.10	0.10	0	0
278	0357	0	84041	P	450	U	30	FORD-LTD	77	A3	5.0	302	V8	2	62	CAT+AIR	2.57	11.35	628.5	3.94	17.12	0.05	0.05	5	0
279	0358	0	84045	R	275	C	40	PONT-SUN3IR	84	A3	2.0	121	L4	2	0	CAT	0.24	4.31	413.4	2.30	11.02	0.05	0.05	0	0
280	0359	0	84049	P	375	C	40	OLDS-CUTLAS	82	A3	4.4	267	V8	2	32	CAT	1.49	33.75	606.8	0.91	17.38	1.00	0.05	2	0
281	0360	0	84050	P	225	C	75	VW -RABBIT	82	M4	1.7	105	L4	0	17	FUEL INJ	2.04	9.42	301.2	2.64	8.49	0.20	0.20	1	0
282	0361	0	84055	P	400	U	40	OLDS-DELTA8	78	A3	5.7	350	V8	4	82	CAT	3.82	52.79	542.0	3.42	16.66	3.90	0.40	7	3
283	0362	0	84056	P	200	C	81	HOND-CIVIC	82	A3	1.3	81	L4	2	18	MOD	1.76	25.28	252.9	1.63	7.88	2.00	3.00	2	4
284	0363	0	84058	P	450	C	40	CHEV-CAPRIC	80	A3	5.0	305	V8	4	67	CAT	3.03	33.72	555.5	3.45	14.25	2.90	0.10	7	3
285	0364	0	84064	P	363	C	40	CHEV-MONTEC	81	A3	5.0	305	V8	4	36	CAT	2.75	25.97	455.4	2.83	13.48	0.05	0.05	3	0
286	0365	0	84069	P	450	L	20	DODG-ASPEN	80	A3	3.7	225	L6	1	74	CAT+AIR	4.09	67.96	458.1	3.13	15.14	5.00	1.10	7	7
287	0366	0	84074	R	400	C	40	CHEV-MONTEC	84	A3	3.8	231	V6	2	7	CAT	0.83	9.18	519.9	2.64	14.07	0.60	0.20	0	0
288	0367	0	84077	P	400	U	40	OLDS-CUTLAS	77	A3	5.7	350	V8	4	63	CAT	5.02	100.48	529.1	0.51	18.41	2.60	3.00	3	7

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SUBTEST-PART A

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	T	S	M	I	S	C	M	E	C	E	H	C	C	N	F	C	O								
	E	U	T	N	S	A	O	T	A	M	C	O	O	O	C	O	O								
	S	B	C	O	E	M	D	R	I	G	P	P	E	P	P	O	A								
	T	T	T	W	R	E	B	E	A	T	W	W	P	W	W	I	S								
	C	E	E	N	T	C	O	L	N	R	C	Y	E	A	T	E	D								
	A	S	S	E	I	I	D	Y	S	E	I	P	N	G	E	I	I								
	S	R	T	T	R	A	F	L	Y	R	M	S	D	E	T	E	M								
289	0368	0	84079	P	450	T	20	CHRY-CORDOB	79	A3	5.9	360	V8	2	69	MOD-DEF	4.74	59.64	554.6	5.24	17.35	2.20	0.80	7	3
290	0369	0	84082	P	400	T	20	PLYM-VOLARE	78	A3	3.7	225	L6	1	96	CAT+AIR	2.29	27.20	472.0	4.44	13.68	0.20	0.20	7	0
291	0370	0	84083	P	350	U	10	AM -CONCOR	79	A3	3.8	232	L6	1	81	CAT+AIR	1.38	19.68	561.8	1.22	15.61	0.05	0.05	0	0
292	0371	0	84086	P	450	C	40	PONT-SAFARI W	79	A3	5.7	350	V8	4	63	CAT	4.89	23.86	641.1	5.05	18.14	1.20	0.70	5	0
293	0372	0	84087	P	225	C	75	VW -RABBIT	84	M5	1.7	105	L4	0	7	FUEL INJ	1.70	17.07	338.7	3.06	9.78	2.60	1.50	0	1
294	0373	0	84091	P	225	C	75	VW -RABBIT	80	M4	1.6	97	L4	0	58	FUEL INJ	2.15	11.81	314.5	2.79	8.96	2.20	1.80	1	4
295	0374	0	84092	P	350	C	40	BUIC-SKYLAR	78	A3	3.8	231	V6	2	53	CAT-DEF	2.79	43.42	426.2	4.07	13.30	1.80	0.20	7	0

WIDER ONTARIO SAMPLE - 295 CARS  
LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SUBTEST-PART B

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			T	S	H	H	H	C	C	C	C	C	N	N	N	N	F	F	F	F	F	
			E	U	C	C	C	O	O	O	O	O	O	O	O	O	C	C	C	C	C	
			S	R	T	P	P	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
			T	T	C	S	S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
			C	C	O	T	T	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
			A	A	L	A	A	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
			B	B	D	R	R	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
			S	S	T	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
1	0002	1	3.04	2.39	2.03	2.68	2.39	43.23	19.03	13.00	12.91	12.83	5.11	4.18	5.90	5.84	4.44	14.40	12.89	12.19	12.12	12.62
2	0005	0	2.74	1.70	2.23	2.24	1.72	49.63	25.08	32.42	32.29	27.09	4.24	2.51	3.91	3.69	2.44	20.77	19.83	18.13	19.17	20.53
3	0015	0	4.08	1.33	2.81	3.64	2.76	61.31	23.77	36.82	66.44	80.87	2.59	1.47	1.95	1.96	1.10	27.39	27.89	23.67	24.41	25.63
4	0016	0	2.10	0.43	0.68	0.74	0.41	41.16	5.06	9.71	9.32	5.36	3.88	2.32	3.25	3.17	2.11	16.49	15.02	13.85	13.58	14.29
5	0018	0	2.37	1.48	1.61	1.43	1.44	58.85	22.31	32.14	32.20	22.90	3.50	2.59	3.54	3.34	2.39	22.59	21.48	19.36	19.12	21.20
6	0019	0	3.83	2.47	2.83	2.45	2.52	55.68	11.26	13.49	11.00	10.77	3.01	1.90	3.17	3.19	1.90	21.53	19.15	17.90	17.47	18.57
7	0021	0	4.65	1.52	1.68	1.71	1.38	43.14	24.82	21.20	25.02	25.22	2.49	1.39	2.31	2.38	1.41	19.13	18.37	16.20	16.55	18.36
8	0022	0	3.39	1.16	2.31	1.89	1.00	43.30	7.83	28.56	19.60	5.86	4.75	3.16	3.62	4.56	3.34	16.18	14.56	13.92	13.67	14.06
9	0024	0	1.96	0.90	1.87	1.99	0.91	35.06	29.71	24.83	27.44	26.36	4.00	2.74	4.26	3.46	2.56	15.17	14.67	13.28	13.05	14.06
10	0025	0	4.22	3.07	3.37	3.42	3.11	57.52	28.18	29.36	30.15	28.04	3.04	2.60	3.65	3.45	2.54	11.53	9.42	9.53	9.52	9.22
11	0026	0	3.47	2.91	3.56	3.45	3.30	40.93	23.20	17.05	16.50	21.14	1.50	1.16	1.75	1.88	1.56	21.63	19.89	16.15	15.85	17.32
12	0027	0	7.35	3.68	3.75	3.21	2.91	85.63	87.53	59.75	58.04	74.18	2.87	1.59	3.66	3.59	1.91	21.82	23.68	19.01	18.62	22.33
13	0028	0	4.47	2.37	2.41	2.73	2.14	71.42	35.16	33.04	33.97	35.06	2.27	1.78	2.63	2.58	1.53	10.98	9.50	9.04	9.04	9.13
14	0029	0	3.04	1.55	1.27	1.55	1.30	49.66	23.68	16.24	15.39	20.58	2.14	1.60	2.32	2.47	1.66	9.32	9.23	7.66	7.73	9.07
15	0030	0	3.11	2.34	1.53	1.57	1.43	48.67	32.13	30.59	26.78	23.70	1.47	0.94	1.38	1.45	0.97	13.08	12.32	10.39	10.10	11.53
16	0031	0	5.81	2.59	1.87	1.87	2.48	61.14	33.41	25.23	25.23	31.30	4.07	3.82	3.97	3.97	3.98	23.71	22.56	19.88	19.88	21.98
17	0032	0	2.15	0.43	0.78	0.80	0.37	33.64	9.69	11.33	9.64	4.94	3.78	2.37	3.52	3.27	2.17	16.79	15.12	14.14	14.27	15.07
18	0033	0	1.91	0.74	1.18	1.18	0.75	25.69	3.98	7.56	7.56	4.00	1.42	1.02	1.49	1.49	1.09	18.39	17.48	15.59	15.59	16.87
19	0036	0	2.91	1.90	1.59	1.73	1.65	74.01	48.36	35.17	35.05	42.96	2.15	2.15	2.74	2.81	2.12	17.80	17.92	15.12	15.15	17.78
20	0039	0	5.57	3.67	2.93	3.06	3.41	121.83	82.53	55.87	47.90	62.84	2.55	3.17	3.53	3.68	3.48	21.92	21.70	17.96	17.67	20.30
21	0076	0	7.65	1.41	1.83	1.82	1.35	64.08	11.08	25.29	23.79	10.24	1.99	0.55	0.66	0.53	0.47	17.55	16.98	15.72	15.86	16.67
22	0077	0	3.89	2.18	1.41	1.19	1.76	113.58	61.24	33.37	28.20	48.87	1.97	1.00	2.56	2.46	1.05	18.73	16.93	14.81	14.45	16.47
23	0078	0	2.89	0.34	0.65	0.37	0.15	43.39	5.82	12.41	7.84	3.14	2.13	1.47	2.04	2.14	1.48	11.19	9.64	9.26	8.96	9.17
24	0079	0	2.00	0.75	0.74	0.85	0.64	21.31	3.44	4.62	6.60	1.87	1.82	1.61	2.17	2.26	1.75	15.58	15.98	14.37	14.31	15.18
25	0080	0	4.96	3.11	3.02	2.99	2.74	62.18	54.31	52.41	49.31	43.40	5.17	4.70	4.20	3.95	4.57	13.67	13.00	12.00	12.03	12.53
26	0081	0	2.19	1.77	1.47	1.35	1.66	37.14	28.86	20.13	19.04	26.46	3.45	2.06	3.66	3.49	1.81	10.75	9.74	8.93	8.98	9.48
27	0082	0	2.67	0.93	1.61	1.53	0.95	28.67	5.26	23.05	22.24	6.84	4.31	3.07	2.64	2.63	2.68	12.18	11.42	10.82	10.94	11.25
28	0083	0	1.86	0.42	0.72	0.62	0.38	15.95	2.09	6.56	4.48	2.17	2.99	1.49	2.51	2.50	1.37	14.44	13.20	11.68	11.59	12.87
29	0084	0	2.75	1.22	1.96	1.69	1.13	39.76	21.57	26.44	25.77	18.95	1.79	0.71	1.12	1.11	0.79	13.87	13.58	12.20	12.14	13.22
30	0085	0	3.36	0.61	1.21	1.34	0.67	67.00	3.22	15.26	15.13	5.36	3.12	2.01	3.12	3.15	1.84	16.98	14.58	13.28	13.24	14.39
31	0086	0	2.21	1.64	1.44	1.36	1.50	29.00	9.29	8.49	9.19	7.71	3.61	3.33	4.26	4.20	3.58	12.82	12.10	10.90	10.98	11.89
32	0087	0	3.51	0.63	1.13	1.02	0.71	35.41	2.33	6.38	4.24	5.45	4.85	3.07	4.46	4.51	2.93	14.59	13.13	11.94	11.85	12.92
33	0089	0	3.52	2.29	2.76	2.49	2.26	62.00	66.94	50.29	51.43	71.57	5.04	3.17	4.99	5.11	2.94	19.85	19.81	17.21	17.53	20.23
34	0090	0	1.07	0.42	0.44	0.45	0.41	15.51	0.28	2.55	2.65	0.32	1.82	1.37	1.63	1.62	1.33	13.42	12.23	11.45	11.24	11.99
35	0091	0	1.36	0.47	0.59	0.77	0.42	16.23	0.42	3.67	4.64	0.33	2.64	2.52	2.59	2.30	2.10	12.59	11.96	10.96	11.13	11.59
36	0092	0	1.67	0.72	1.01	1.08	0.80	27.68	6.47	12.90	13.79	8.72	3.32	2.16	3.14	3.31	1.97	12.41	11.93	10.76	10.85	11.63
37	0093	0	6.21	4.58	3.94	3.84	4.76	62.43	29.02	39.13	37.86	32.38	1.89	1.67	2.01	1.99	1.63	18.61	16.36	14.64	14.81	16.19
38	0094	0	3.69	2.93	1.96	1.98	2.90	74.91	92.02	48.50	48.98	92.39	3.79	1.89	3.55	3.51	1.98	18.67	19.03	16.31	16.30	19.17
39	0095	0	3.90	2.94	3.22	3.36	2.69	53.30	64.14	38.45	32.75	53.45	3.24	1.95	3.88	3.63	1.83	18.81	20.97	17.26	17.07	20.64
40	0096	0	2.16	2.47	1.82	1.58	2.07	12.79	7.85	6.10	5.24	6.87	2.27	1.39	2.32	2.23	1.20	9.13	9.57	7.82	7.78	8.90
41	0097	0	7.47	1.84	1.58	1.70	1.64	129.26	20.21	16.65	17.68	18.80	0.90	1.54	2.89	2.73	1.48	11.80	8.27	7.48	7.60	8.25
42	0098	0	4.02	3.13	2.84	2.70	2.90	64.17	61.97	41.89	40.76	56.38	4.39	2.63	4.87	5.25	2.77	17.33	17.72	14.92	15.05	17.46
43	0099	0	3.16	1.96	1.84	1.80	2.04	34.67	10.75	10.19	9.85	11.78	2.43	3.64	3.77	3.88	3.66	16.77	14.70	13.62	13.73	14.66
44	0100	0	2.41	1.54	1.45	1.49	1.46	42.31	52.13	28.92	29.74	53.07	3.30	1.75	3.99	3.65	1.55	18.16	19.41	15.17	15.65	19.27
45	0101	0	0.73	0.11	0.12	0.13	0.08	14.27	0.23	0.34	0.34	0.21	2.83	1.41	2.89	2.94	1.30	11.40	11.26	9.90	9.82	11.06
46	0102	0	3.33	2.96	2.42	2.26	2.80	57.61	64.18	37.27	33.85	59.87	1.56	2.22	3.24	1.99	2.44	12.96	13.25	11.45	11.39	12.85
47	0103	0	1.32	0.47	0.71	0.72	0.53	11.61	2.56	6.39	7.42	2.60	1.51	0.94	1.06	1.25	1.06	14.76	14.14	12.48	12.77	13.68
48	0104	0	3.02	1.78	2.33	1.94	1.53	55.29	21.46	36.54	31.52	14.81	4.79	3.73	4.76	5.18	3.81	14.14	13.15	12.52	12.43	12.92

TAB. 9.1 - 1B

APP. C 8

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SUBTEST-PART A

11:52 MONDAY, AUGUST 20, 1984 69

			H	H	H	H	C	C	C	C	C	N	N	N	N	F	F	F	F	F
	T	S	C	C	H	H	C	C	C	C	C	N	N	N	N	F	F	F	F	F
	E	I	E	E	C	C	T	T	T	T	T	E	E	E	E	C	C	C	C	C
	S	R	P	P	P	P	T	T	T	T	T	P	P	P	P	P	P	P	P	P
	T	T	C	S	H	H	B	S	C	S	P	S	S	P	H	C	S	P	H	S
	O	A	S	A	O	O	A	L	O	A	O	A	A	O	O	L	A	O	O	A
	S	R	T	D	T	T	B	D	B	T	T	B	D	T	T	D	B	T	T	A
49	0105	0	5.81	4.12	4.06	3.91	2.53	97.28	53.75	44.75	47.64	75.01	5.51	4.51	5.81	6.47	7.84	18.51	16.79	14.39
50	0106	0	5.28	3.56	3.13	2.75	3.58	75.55	34.60	42.51	36.17	36.08	3.62	3.66	4.42	4.42	3.85	19.66	18.08	16.63
51	0107	0	4.19	2.05	3.30	2.64	1.89	67.40	11.00	21.54	20.45	12.86	2.04	2.40	2.76	2.88	2.10	10.93	8.89	8.58
52	0108	0	3.68	1.49	1.64	1.82	1.49	62.62	14.03	24.16	23.86	13.51	3.95	1.73	3.16	3.12	1.72	18.08	16.12	14.93
53	0109	0	3.35	2.25	2.11	2.58	2.28	57.54	48.31	32.83	37.70	46.64	3.33	2.80	3.63	3.30	3.01	13.55	13.10	11.67
54	0110	0	1.59	0.29	0.89	0.82	0.34	23.17	2.67	7.81	7.62	3.86	3.21	3.64	3.51	3.77	3.57	13.78	12.76	11.66
55	0111	0	0.94	0.13	0.12	0.13	0.11	26.24	4.97	4.03	6.13	3.70	1.46	0.88	1.29	1.48	1.09	11.68	10.28	9.87
56	0112	0	8.26	5.20	4.91	4.72	4.95	138.66	57.14	58.51	50.87	55.49	3.49	3.38	4.47	4.70	4.15	19.86	17.09	15.84
57	0113	0	2.77	1.09	1.14	1.35	1.08	35.90	4.67	8.67	9.71	4.79	3.29	1.06	2.87	2.77	1.15	21.92	20.07	17.96
58	0114	0	2.44	1.66	1.28	1.23	1.57	46.32	48.75	30.15	30.16	48.69	2.88	1.66	2.92	2.99	1.76	10.51	9.50	8.78
59	0115	0	1.48	1.22	1.03	1.22	1.24	48.32	34.67	21.16	22.30	39.60	4.89	3.42	6.86	5.49	3.35	12.16	10.62	10.44
60	0116	0	1.64	0.68	0.51	0.55	0.57	23.30	4.86	6.21	7.14	6.66	7.98	1.04	4.67	3.84	0.96	16.64	16.28	14.18
61	0117	0	1.76	1.65	1.30	1.24	1.87	76.06	19.83	14.66	15.03	18.49	3.20	3.07	3.02	3.38	3.53	13.21	12.03	10.92
62	0120	0	1.40	0.34	0.46	0.48	0.36	74.79	1.97	8.57	61.25	1.85	1.37	2.27	1.60	1.70	2.08	16.72	14.90	13.70
63	0121	0	1.18	1.00	0.84	0.78	0.95	34.03	13.30	9.59	7.00	14.21	2.48	2.11	2.25	2.19	2.19	9.13	7.93	7.47
64	0122	0	3.22	2.20	1.89	1.93	2.31	57.89	15.10	10.76	15.96	21.16	1.90	1.77	2.24	2.24	1.86	15.18	15.78	12.76
65	0123	0	2.68	2.52	1.55	1.56	2.34	42.10	41.32	20.60	18.00	40.72	2.10	5.92	8.41	8.57	5.39	18.29	17.80	15.46
66	0124	0	4.20	2.82	2.17	2.20	2.78	40.73	34.27	16.30	16.33	34.06	3.83	2.84	4.67	4.92	3.25	18.36	19.05	15.64
67	0125	0	7.73	0.55	0.60	0.71	0.46	57.72	9.43	15.16	13.16	7.46	0.96	0.55	0.55	0.59	0.58	19.35	19.02	16.89
68	0126	0	8.55	4.18	3.39	3.30	4.11	116.46	25.60	21.34	19.54	25.92	0.97	1.83	2.72	2.50	1.69	11.39	8.17	7.37
69	0127	0	2.88	2.44	1.86	1.85	1.94	31.85	38.07	24.53	23.85	34.58	2.01	0.45	1.85	1.46	0.46	10.70	11.08	9.45
70	0128	0	2.11	0.63	1.09	0.95	0.46	6.76	0.40	3.27	2.06	0.29	5.07	4.06	5.64	6.63	3.79	13.11	13.57	11.95
71	0129	0	2.36	1.12	1.38	1.51	1.09	16.20	3.48	6.10	6.03	4.07	1.88	1.48	1.58	1.38	1.40	13.90	13.18	12.00
72	0130	0	1.55	0.31	0.53	0.61	0.29	31.33	2.14	20.89	23.50	2.12	1.74	1.51	1.48	1.10	1.36	14.43	14.83	12.94
73	0131	0	4.07	2.05	1.95	1.93	2.02	59.21	40.91	30.43	28.55	42.90	1.34	0.90	0.98	1.02	0.88	13.80	13.38	11.15
74	0132	0	5.55	2.66	2.70	2.39	2.54	51.25	49.93	32.23	30.30	48.22	1.82	2.18	2.98	3.59	2.19	13.27	13.17	10.59
75	0133	0	2.70	1.55	1.25	1.42	1.51	34.46	17.73	20.02	21.14	16.97	2.15	1.20	1.68	1.72	1.19	10.18	11.58	11.07
76	0134	0	3.30	1.07	1.07	0.99	0.75	58.06	9.23	8.41	9.03	8.49	4.71	3.55	5.06	5.19	3.14	15.26	13.89	12.07
77	0135	0	4.32	1.99	1.74	1.68	1.65	35.13	25.15	20.01	17.99	22.35	3.04	1.69	2.96	3.22	1.69	13.84	14.12	12.10
78	0136	0	1.25	0.15	0.25	0.25	0.12	22.71	1.80	11.90	11.90	2.35	1.16	0.83	0.92	0.88	0.84	12.45	13.40	12.14
79	0148	0	1.80	1.25	1.20	1.06	1.16	32.95	7.38	10.97	9.06	8.52	3.05	1.96	2.78	2.59	1.72	10.19	8.53	8.70
80	0149	0	2.99	3.71	2.84	2.28	3.22	42.69	81.98	43.75	34.41	78.76	5.18	2.58	4.99	4.62	2.36	16.71	18.64	16.14
81	0150	0	1.17	0.14	0.38	0.36	0.19	21.12	2.10	8.08	8.39	3.67	4.53	3.05	3.67	3.56	2.68	11.24	9.51	9.46
82	0151	0	2.08	1.99	2.33	2.23	2.18	23.69	28.67	21.54	21.99	37.27	2.72	2.10	2.68	2.62	1.69	8.29	9.32	8.03
83	0152	0	3.64	1.53	2.22	1.95	1.68	28.82	17.05	33.85	31.19	22.07	1.90	1.40	1.86	1.63	1.42	15.62	16.25	15.05
84	0153	0	2.27	2.26	1.80	1.67	2.04	35.49	44.58	32.77	30.29	48.55	2.10	1.31	2.45	2.19	1.14	9.74	9.24	9.00
85	0154	0	3.00	2.93	2.79	2.78	3.18	33.98	37.57	17.53	19.52	45.61	5.16	4.09	6.95	6.94	3.73	19.24	18.00	15.49
86	0157	0	2.25	0.31	0.63	0.72	0.35	32.50	3.46	5.51	6.11	3.47	4.17	1.90	3.66	3.31	1.66	15.85	15.56	12.53
87	0158	0	3.49	0.37	0.78	0.92	0.35	30.62	1.15	11.00	14.40	1.20	2.97	3.59	2.97	3.03	3.61	13.08	11.70	10.38
88	0159	0	8.74	0.43	2.47	2.16	0.40	51.19	0.90	13.81	11.80	0.75	1.80	2.59	1.91	2.44	3.09	19.00	15.92	14.66
89	0160	0	1.85	0.13	0.30	0.28	0.08	29.32	1.29	4.99	4.14	1.09	4.35	2.27	3.48	3.22	1.86	13.52	12.56	11.57
90	0161	0	6.47	4.69	3.59	3.60	4.16	77.57	104.05	52.30	48.93	90.69	3.98	3.49	4.29	4.34	3.58	18.41	17.27	15.32
91	0162	0	3.36	3.01	2.05	2.01	3.02	46.99	34.96	18.78	17.90	33.87	2.46	1.41	2.19	2.29	1.59	16.38	15.93	13.84
92	0163	0	2.84	1.04	1.30	1.39	0.82	34.01	5.12	7.56	9.96	7.01	3.76	1.79	3.11	3.12	1.84	17.27	16.57	14.59
93	0164	0	5.27	3.22	2.11	3.13	3.13	67.90	65.51	38.26	49.01	64.62	4.94	2.91	3.84	3.54	2.95	14.73	13.33	12.21
94	0165	0	4.69	3.47	2.95	2.47	2.85	58.49	57.19	57.31	35.25	51.49	4.22	2.35	4.41	4.62	2.36	17.52	16.83	15.30
95	0166	0	5.33	5.10	4.31	4.31	5.16	70.01	95.77	64.05	69.80	102.43	2.95	0.94	2.22	2.10	0.73	15.24	15.36	13.02
96	0167	0	6.65	3.91	3.61	3.42	3.87	73.07	67.72	51.13	48.49	61.63	3.57	2.33	3.26	3.16	2.25	15.71	14.84	13.88

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11:52 MONDAY, AUGUST 20, 1984

C 10

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SUBTEST-PART B

71  
11:52 MONDAY, AUGUST 20, 1984

			T E S T C A R	S U B T	H C E P C O L D	H C E P S T A B	H C E P H O T	H C T B H O T	H C T B S T A B	C O E P C O L D	C O E P S T A B	C O E P H O T	C O T B H O T	C O T B S T A B	N O E P C O L D	N O E P S T A B	N O E P H O T	N O T B H O T	N O T B S T A B	F C E P C O L D	F C E P S T A B	F C E P H O T	F C T B H O T	F C T B S T A B
145	0217	0	0.49	0.15	0.18	0.16	0.15	11.36	0.54	4.04	2.13	1.66	1.17	0.98	1.13	1.03	0.73	10.80	10.02	10.22	9.50	9.43		
146	0218	0	1.64	0.26	0.54	0.43	0.22	12.85	1.44	3.24	3.87	1.48	5.44	3.87	6.51	5.80	4.10	14.34	14.82	13.44	12.58	14.79		
147	0219	0	2.60	2.08	1.70	1.69	1.92	16.84	20.67	13.97	12.40	18.89	6.71	3.80	6.32	4.71	3.21	10.16	9.34	9.45	8.99	8.91		
148	0220	0	3.03	2.52	2.36	2.18	2.58	32.31	56.95	34.18	33.21	60.86	4.49	2.28	5.24	3.96	2.14	11.66	10.52	10.48	10.13	10.71		
149	0221	0	0.66	0.45	0.58	0.50	0.44	7.01	1.54	4.99	4.49	1.71	1.12	0.40	0.71	0.70	0.53	10.25	10.49	9.70	8.73	11.21		
150	0222	0	3.48	2.99	2.56	2.45	2.98	53.38	49.83	32.67	31.91	49.44	3.87	2.69	3.51	3.91	2.95	14.37	15.42	13.19	12.84	15.37		
151	0223	0	4.27	3.60	3.67	3.74	4.63	35.20	46.34	32.63	32.33	51.02	1.48	0.86	1.51	1.40	0.89	8.06	8.40	7.61	7.12	8.89		
152	0224	1	7.11	10.00	6.18	6.01	9.79	56.25	88.32	37.39	37.24	60.34	5.75	3.40	6.78	6.83	4.40	19.23	18.68	16.21	16.38	17.90		
153	0228	0	2.62	2.35	2.00	1.95	2.52	15.10	15.00	12.69	13.13	16.25	4.54	3.67	5.10	4.17	3.18	7.64	8.49	7.66	6.66	8.22		
154	0229	0	2.94	1.45	1.31	1.19	1.43	75.19	32.59	26.49	22.07	33.91	2.35	1.21	2.14	2.32	1.59	13.29	12.80	11.32	10.51	13.14		
155	0230	0	11.28	8.37	6.99	5.53	8.57	112.44	49.46	33.90	28.32	49.67	3.54	4.15	3.26	2.55	2.91	22.27	22.49	17.91	15.96	21.83		
156	0231	0	3.38	2.84	2.62	2.47	2.67	49.08	48.72	32.58	27.55	46.31	5.28	3.36	5.85	5.46	3.34	20.44	22.96	19.11	17.52	22.88		
157	0232	0	3.31	2.15	4.04	2.31	2.20	37.35	20.43	13.13	14.01	19.73	5.19	4.35	6.18	6.63	4.60	18.07	19.22	14.22	15.13	19.16		
158	0233	0	24.69	7.26	6.08	5.18	6.89	54.07	19.78	20.90	16.43	17.34	7.11	4.73	7.37	7.16	5.09	17.76	14.40	13.88	12.65	14.20		
159	0234	0	1.91	0.51	0.64	0.55	0.38	42.05	3.48	3.37	3.74	3.88	4.68	3.63	5.64	6.08	3.99	13.13	12.31	10.44	10.37	12.10		
160	0235	0	1.76	1.56	1.29	1.29	1.48	24.77	15.79	9.98	9.87	12.93	4.05	3.61	3.83	3.91	3.58	9.20	8.54	7.76	7.79	8.41		
161	0236	0	2.50	0.53	0.76	0.73	0.47	51.37	4.54	12.44	12.49	3.83	1.44	1.26	1.39	1.42	1.21	16.37	15.07	13.72	13.84	14.78		
162	0237	0	2.06	2.11	1.85	1.69	2.00	15.93	9.90	7.08	7.31	8.58	2.11	2.04	2.59	2.61	2.32	8.46	8.80	7.24	7.40	8.53		
163	0238	0	1.47	0.31	0.28	0.24	0.22	27.35	0.77	0.73	1.22	0.86	1.19	1.03	1.31	1.21	0.92	8.79	8.69	7.41	7.59	8.63		
164	0239	0	3.13	0.82	1.20	0.41	0.67	58.87	7.16	9.01	10.65	7.06	1.92	2.59	2.34	2.57	2.23	15.21	13.55	13.00	12.76	13.19		
165	0240	0	6.46	3.92	4.20	4.23	3.74	80.68	84.34	51.52	57.58	80.90	2.36	1.98	2.67	2.67	1.86	12.11	11.51	10.52	10.27	10.94		
166	0241	0	4.40	4.13	3.67	3.78	4.13	51.59	86.85	62.46	58.82	91.99	6.79	3.44	6.38	6.39	3.62	20.56	21.37	18.40	18.45	21.34		
167	0242	0	10.15	8.58	5.98	5.76	8.02	158.65	203.68	105.86	101.91	189.73	2.93	2.29	3.76	1.63	2.65	22.61	22.48	18.65	18.79	21.81		
168	0243	0	7.70	3.51	3.50	.	.	218.28	52.96	51.12	.	.	1.25	3.05	4.20	.	.	23.38	18.95	16.94	.	.		
169	0244	0	1.94	0.17	0.32	0.35	0.12	9.78	0.41	5.41	5.36	0.39	3.70	2.36	3.34	3.44	2.30	16.14	16.58	14.65	14.62	16.42		
170	0245	0	35.43	33.55	29.91	30.47	34.40	100.28	67.25	74.65	72.87	60.32	3.93	3.37	3.80	4.15	3.75	23.35	22.38	20.12	20.44	22.34		
171	0246	0	.	.	.	.	.	24.01	23.20	16.63	.	.	3.01	1.31	2.84	.	.	9.67	10.16	8.09	.	.		
172	0247	0	.	.	.	.	.	134.28	218.82	107.86	104.54	213.72	3.60	1.85	3.93	3.67	1.77	20.88	22.35	17.59	17.39	21.76		
173	0248	0	.	.	.	.	.	19.77	18.79	9.27	8.97	18.14	4.48	3.61	4.33	4.80	3.80	8.42	7.98	6.79	7.13	7.95		
174	0249	0	.	.	.	.	.	15.22	5.00	5.69	5.55	3.93	2.08	2.44	1.77	1.83	2.40	8.89	8.44	7.64	7.79	8.36		
175	0251	0	5.21	4.05	3.33	3.40	4.05	58.22	51.27	40.70	43.83	57.15	5.03	5.46	6.27	6.50	5.41	18.47	18.03	15.81	15.80	17.76		
176	0252	0	1.60	1.03	0.85	0.82	1.14	16.92	9.39	7.20	7.37	11.32	3.12	1.78	3.30	3.23	1.90	10.83	10.91	9.36	9.48	10.92		
177	0253	0	5.61	3.80	3.58	3.47	3.58	89.18	24.38	15.81	13.64	22.28	4.90	6.29	8.41	9.77	6.41	22.03	21.51	18.90	19.37	20.38		
178	0254	0	4.26	2.25	2.41	2.26	2.23	37.93	20.31	17.67	11.26	20.84	2.54	1.74	2.72	2.80	1.95	18.24	16.83	15.48	15.64	16.44		
179	0255	0	1.87	0.23	0.56	0.62	0.21	21.30	0.37	9.20	8.97	0.33	3.86	2.43	3.19	3.28	2.49	15.15	13.69	13.29	13.34	13.45		
180	0256	0	1.76	0.16	0.49	0.53	0.12	16.68	1.12	8.05	9.47	0.94	3.92	1.80	3.03	2.94	1.81	12.32	11.68	10.74	11.11	11.54		
181	0257	0	1.85	0.51	0.83	0.95	0.50	5.14	0.66	1.19	2.07	0.56	6.92	4.42	5.68	6.43	4.79	14.51	14.87	12.15	12.77	14.57		
182	0258	0	2.46	1.13	1.23	0.48	1.53	41.28	14.31	22.37	27.54	19.35	2.08	0.97	1.63	1.51	0.97	9.92	9.27	8.47	8.58	9.44		
183	0259	0	1.96	0.19	0.29	0.36	0.18	32.22	0.50	2.30	3.50	0.39	3.70	1.97	2.91	2.97	2.00	17.77	16.45	14.81	15.36	16.08		
184	0260	0	2.48	0.39	1.16	0.97	0.48	28.84	6.14	14.03	13.77	3.99	2.63	1.75	2.56	2.82	1.67	12.64	12.16	10.81	10.79	11.80		
185	0261	0	2.88	2.35	1.98	1.91	2.20	42.11	34.48	20.41	19.87	24.76	3.24	1.43	2.92	3.00	1.46	10.92	10.24	8.98	8.93	9.88		
186	0262	0	4.24	3.04	2.43	2.44	2.97	75.36	51.64	29.07	27.85	49.81	4.87	3.53	5.43	5.64	3.51	15.40	13.09	12.18	12.01	12.72		
187	0263	0	4.53	1.82	1.57	1.51	2.07	79.97	14.88	12.08	11.70	22.45	3.24	2.17	3.10	3.24	2.28	17.74	14.28	13.76	13.82	14.02		
188	0264	0	1.87	1.21	0.94	0.91	1.05	17.69	16.78	9.97	10.45	16.04	2.10	1.40	2.45	2.24	1.94	11.29	11.07	9.81	9.91	11.01		
189	0265	0	2.25	0.93	1.20	1.39	0.60	11.43	1.53	7.65	8.27	1.10	4.65	3.34	3.99	4.26	3.60	14.60	15.15	12.99	13.22	15.12		
190	0266	0	4.90	2.35	2.11	2.00	2.19	53.63	53.72	33.06	30.28	44.04	3.80	2.46	4.25	4.60	2.81	21.81	20.95	17.54	18.10	20.24		
191	0267	0	5.21	3.03	2.57	2.57	2.83	57.09	44.72	28.85	28.85	40.35	3.21	1.98	3.76	3.76	2.20	10.71	8.81	8.72	8.72	8.78		
192	0268	0	4.62	3.87	3.03	3.26	3.82	56.56	55.55	39.23	38.99	50.68	2.23	2.15	3.12	3.20	2.39	19.08	18.63	16.53	16.93	18.58		

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	T S C A R	U H T E S T	H C E P C O L D	H C E P S T A B	H C E P H O T	H C T B H O T	H C T B S T A B	C O E P C O L D	C O E P S T A B	C O E P H O T	C O T B H O T	C O T B S T A B	N O E P C O L D	N O E P S T A B	N O T P H O T	N O T R S T A B	F C E P C O L D	F C E P S T A B	F C E P H O T	F C T B H O T	F C T S T A B	
193	0269	0	4.83	0.62	1.00	1.19	0.58	77.38	0.70	4.13	8.75	1.25	3.39	2.35	3.46	3.25	2.33	17.38	14.96	13.41	13.85	15.0
194	0270	0	6.15	4.49	3.98	3.52	4.42	91.47	38.47	37.77	31.21	37.68	4.42	3.60	4.69	4.70	3.81	18.35	17.68	14.65	14.32	17.29
195	0271	0	1.90	1.97	1.80	1.63	2.14	36.88	7.79	13.74	11.68	9.13	3.03	2.40	3.67	3.31	2.32	24.22	22.08	20.41	19.83	20.62
196	0272	0	1.66	0.29	0.58	0.71	0.46	26.29	2.17	8.93	8.98	4.19	5.04	4.87	4.95	5.07	4.55	9.58	8.40	8.01	7.94	8.43
197	0273	0	1.66	1.44	1.33	1.32	1.48	22.07	12.98	13.73	14.77	13.64	3.18	2.04	3.04	3.06	2.13	9.09	8.34	7.94	8.12	8.38
198	0274	0	4.98	5.17	4.45	4.53	5.71	91.00	121.09	101.37	102.24	135.18	1.90	0.75	1.23	1.18	0.65	12.93	12.81	11.92	12.04	13.41
199	0275	0	13.42	4.55	3.70	13.60	3.89	175.83	56.17	45.41	82.75	43.62	2.44	1.76	2.24	1.93	1.87	21.39	16.41	14.84	16.69	15.98
200	0276	0	2.07	1.21	1.86	1.71	2.32	35.86	3.92	23.07	6.45	1.02	2.72	1.70	2.55	2.58	1.79	15.85	15.28	13.91	13.46	14.86
201	0277	0	6.92	7.73	5.58	5.28	7.13	90.12	131.11	82.41	75.77	130.22	2.67	4.88	8.28	8.08	4.91	18.50	19.27	17.62	17.02	19.12
202	0278	0	4.31	2.74	2.55	2.62	2.66	74.61	31.53	43.56	44.42	35.48	3.24	4.40	3.41	3.67	4.16	12.18	9.91	9.85	10.42	9.74
203	0279	0	3.31	2.67	2.45	2.43	2.69	21.65	2.55	3.41	2.96	2.48	4.29	3.29	4.27	4.48	3.32	19.07	18.36	16.00	16.67	18.15
204	0280	0	5.48	3.38	3.17	3.25	3.67	73.68	59.61	53.32	58.03	76.73	6.01	3.99	5.18	4.99	3.36	14.90	13.84	12.69	12.81	14.13
205	0281	0	4.52	1.82	2.74	3.52	3.20	7.83	20.44	11.25	102.61	79.62	1.30	0.89	2.05	1.08	0.60	16.30	17.34	16.84	17.20	17.31
206	0282	0	3.66	1.42	1.34	1.80	1.44	33.91	1.69	5.29	5.88	2.26	6.22	5.25	6.73	6.75	5.05	17.86	16.59	14.89	14.94	16.13
207	0283	0	4.29	3.87	3.77	3.56	3.80	46.27	63.85	34.76	32.06	64.56	5.66	3.34	5.92	6.29	3.56	11.15	11.79	9.95	9.96	11.98
208	0284	0	3.28	2.46	2.10	2.00	2.52	46.38	64.55	38.12	36.58	60.98	5.80	3.14	6.41	6.57	3.69	12.44	12.33	11.15	11.36	12.52
209	0285	0	7.15	4.08	3.79	3.36	4.02	99.12	58.50	44.04	41.40	57.09	3.36	4.09	4.28	4.34	4.05	18.57	15.96	15.21	14.76	15.60
210	0286	0	4.46	3.07	2.45	1.99	2.31	52.03	54.13	32.40	25.03	35.70	1.89	1.67	2.71	2.69	2.02	16.10	14.98	13.36	13.28	14.49
211	0287	0	4.24	3.98	2.93	2.75	3.69	51.66	66.95	39.32	38.99	64.73	2.12	0.75	1.85	1.84	0.77	15.29	15.32	13.82	14.06	15.29
212	0288	0	4.30	3.68	2.73	2.11	3.01	34.24	65.60	34.20	31.65	58.10	2.45	2.10	2.87	2.97	2.49	12.60	12.37	11.20	11.41	12.41
213	0289	0	4.77	4.92	3.85	3.55	4.52	93.52	108.89	52.22	57.75	100.64	3.00	2.89	3.85	3.77	3.18	20.66	21.60	18.00	17.38	20.76
214	0290	0	10.38	7.67	5.33	5.16	6.66	241.51	137.75	84.86	83.85	108.99	1.94	4.13	5.34	4.65	3.71	24.94	23.42	18.69	17.38	18.56
215	0291	0	9.34	4.46	4.39	4.36	4.03	240.79	122.62	78.11	81.32	83.35	0.62	0.87	2.29	2.14	1.08	22.93	21.31	16.30	16.64	18.09
216	0292	0	2.24	1.88	1.56	1.45	1.38	23.15	24.74	16.16	15.17	14.83	5.41	2.55	4.47	4.80	2.65	11.92	11.99	10.17	10.42	11.66
217	0293	0	5.84	6.02	4.59	.	.	27.91	26.23	25.45	.	.	2.91	1.66	2.51	.	.	9.20	8.99	8.15	.	.
218	0294	0	4.05	3.11	2.28	2.28	2.99	82.11	73.69	53.16	52.28	57.87	1.82	0.99	1.88	2.32	1.71	12.27	11.15	10.20	10.29	10.82
219	0295	0	4.40	4.74	4.13	4.04	5.05	42.70	47.17	39.81	37.97	48.85	3.28	2.52	2.81	2.90	2.28	10.88	11.55	10.26	10.29	11.51
220	0296	0	1.78	0.22	0.54	0.63	0.25	19.32	0.52	9.14	8.10	0.32	4.38	2.91	3.25	3.22	2.68	14.96	14.66	13.10	12.91	14.03
221	0297	0	1.66	1.37	1.21	1.26	1.39	13.20	9.15	7.08	7.13	9.12	3.20	2.07	3.37	3.42	2.24	8.93	9.77	7.79	7.97	9.70
222	0298	0	3.60	2.92	1.89	1.96	1.89	52.16	26.67	21.25	12.49	18.09	5.04	1.79	3.20	3.60	1.80	18.65	17.08	15.61	15.59	16.60
223	0299	0	8.22	5.95	6.38	9.62	5.55	190.79	134.55	139.19	111.85	120.14	1.45	2.11	1.71	2.02	1.82	17.59	16.15	15.08	14.14	15.11
224	0300	0	48.50	78.88	29.41	25.29	55.57	93.46	127.71	103.80	289.69	451.52	0.32	0.14	0.87	0.09	0.21	15.61	19.50	15.24	22.74	30.97
225	0301	0	4.50	4.19	3.48	3.58	4.40	85.00	105.58	82.27	95.90	130.23	7.78	4.76	6.81	4.13	3.07	15.66	17.34	15.09	15.81	19.02
226	0302	0	2.17	0.44	1.07	1.32	0.36	16.86	3.04	11.90	12.39	2.21	4.97	3.39	3.90	4.62	3.54	15.50	16.58	13.70	14.12	16.01
227	0303	0	3.75	2.93	2.35	2.48	2.70	26.69	25.33	17.84	17.60	24.91	2.53	1.47	2.53	2.82	1.48	10.43	10.28	8.91	9.08	9.95
228	0304	0	1.75	0.26	0.83	0.91	0.54	25.45	0.91	9.68	8.63	1.52	2.80	2.70	3.38	3.59	3.16	13.78	12.92	12.13	12.00	12.58
229	0305	0	1.80	1.21	1.14	1.16	1.22	22.05	3.83	9.18	8.13	4.34	3.47	2.52	3.41	3.42	2.58	11.62	12.39	10.46	10.44	11.87
230	0306	0	3.75	9.23	9.03	9.78	14.83	90.66	168.18	123.41	123.48	194.93	1.30	0.50	0.46	0.58	0.24	10.90	14.14	11.17	11.29	15.17
231	0307	0	1.10	0.13	0.26	0.41	0.07	20.59	0.87	8.75	14.23	0.86	3.43	3.93	2.68	2.65	4.28	12.94	14.03	11.38	11.65	14.29
232	0308	0	2.42	2.09	1.72	1.60	1.84	16.31	6.70	7.06	5.71	5.67	5.60	3.46	5.32	5.95	3.49	10.53	9.65	9.42	9.38	9.14
233	0309	0	6.73	7.28	4.25	3.77	5.73	86.69	144.12	52.13	59.12	129.37	3.07	2.16	2.95	3.28	2.26	20.02	22.04	17.23	17.23	19.58
234	0310	0	4.83	4.26	3.36	3.32	4.05	29.19	29.13	21.30	22.11	30.58	2.99	1.67	3.09	3.17	1.54	8.50	8.60	7.47	7.46	8.51
235	0311	0	2.31	1.63	1.19	1.51	1.69	32.68	38.29	21.20	26.28	38.55	2.17	0.90	1.97	2.22	0.97	12.94	12.72	11.32	11.39	12.47
236	0312	0	2.73	3.31	2.23	2.23	3.00	35.92	62.66	33.63	34.03	55.77	3.07	2.15	3.73	3.44	2.46	12.78	13.66	11.86	11.95	13.98
237	0313	0	8.01	7.53	5.79	5.36	7.04	59.20	82.10	44.29	39.95	71.51	5.00	4.67	7.24	7.19	6.61	19.09	18.42	17.19	16.52	19.25
238	0314	0	15.14	14.38	9.72	9.84	13.10	100.89	121.69	93.79	98.54	123.52	1.36	0.89	1.13	1.06	0.81	15.10	15.49	12.93	13.32	15.10
239	0315	0	1.14	0.50	0.56	0.49	0.19	8.86	3.23	8.48	4.07	1.18	1.86	1.61	0.77	0.97	0.83	13.65	13.64	12.78	12.60	13.72
240	0316	0	2.10	0.94	1.58	1.84	1.05	29.82	4.86	13.13	12.97	6.14	2.94	0.96	2.08	2.31	0.84	13.36	12.21	11.26	11.45	12.02

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SUBTEST-PART B

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11:52 MONDAY, AUGUST 20, 1984

O	T	S	H	H	H	H	C	C	C	C	C	C	N	N	N	N	N	F	F	F	F	F
B	E	U	C	C	C	C	E	E	E	E	E	E	O	O	O	O	O	C	C	C	C	C
S	S	T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
R	A	A	L	A	O	O	O	O	O	O	O	O	L	A	O	O	O	L	A	O	O	A
T	S	T	D	B	T	T	B	D	B	T	T	B	D	B	T	T	R	D	B	T	T	R
241	0317	0	2.41	2.00	1.57	1.59	1.89	41.16	17.25	13.97	12.40	13.93	3.26	3.29	2.90	3.11	3.32	12.82	10.78	10.53	10.33	10.29
242	0318	0	2.57	1.68	1.99	1.88	1.73	48.46	40.16	28.89	28.10	38.00	5.88	2.93	6.10	6.48	2.91	23.46	24.46	20.50	20.89	23.81
243	0319	0	7.24	6.50	5.20	4.91	5.96	74.48	104.58	60.43	58.24	100.84	5.50	2.78	5.73	6.56	3.12	20.11	20.44	17.31	17.98	20.01
244	0320	0	2.07	0.40	0.72	0.68	0.35	33.64	4.07	14.56	14.24	2.78	2.03	1.30	1.49	1.51	1.25	12.76	11.60	11.20	11.24	11.36
245	0322	0	2.52	1.41	1.05	0.91	0.85	20.58	16.94	8.98	9.72	8.37	3.34	2.12	3.37	3.69	2.47	11.63	11.78	9.64	10.18	11.66
246	0323	0	3.49	2.71	2.71	2.66	2.88	29.96	6.02	11.48	14.29	7.59	7.19	4.79	6.93	7.13	4.93	19.63	18.45	15.85	15.97	17.71
247	0324	0	9.30	3.29	3.30	3.23	3.27	185.75	64.66	50.30	46.26	55.60	1.74	1.54	2.59	2.76	1.52	23.39	19.63	17.08	17.09	19.03
248	0325	0	2.33	0.58	0.56	0.53	0.35	28.83	4.25	11.48	9.63	2.69	2.39	1.16	2.47	2.53	1.15	14.59	13.85	12.57	12.38	13.27
249	0326	0	1.66	0.22	0.35	0.35	0.15	13.41	0.31	4.71	5.09	0.30	2.66	1.45	2.11	2.33	1.48	16.14	17.03	14.30	14.41	16.49
250	0327	0	1.61	1.26	1.13	1.15	1.38	10.35	3.89	2.79	2.88	3.49	3.93	2.45	3.91	4.27	2.64	9.16	9.76	7.99	7.97	9.53
251	0328	0	2.82	0.40	0.98	0.93	0.35	43.75	5.27	15.48	18.27	4.53	1.72	0.94	1.35	1.44	1.11	15.18	15.29	13.53	13.51	15.10
252	0329	0	4.91	6.39	3.73	3.60	4.82	58.32	32.96	11.21	11.02	13.36	4.29	3.06	4.80	5.02	3.31	15.56	14.66	13.54	13.26	16.04
253	0330	0	3.52	1.77	1.30	1.24	1.67	45.45	22.50	17.38	18.87	20.02	2.57	2.27	3.07	3.42	3.28	15.43	14.69	13.16	13.12	14.42
254	0331	0	3.55	0.66	0.97	0.97	0.56	51.79	5.00	9.80	10.18	4.42	1.53	1.22	1.40	1.75	1.41	14.75	13.70	12.57	12.93	13.81
255	0332	0	5.58	4.54	3.87	3.42	4.25	85.39	78.70	45.51	39.86	72.27	3.72	3.40	5.89	6.43	3.96	16.48	16.86	14.03	14.20	16.78
256	0333	0	4.63	2.53	2.53	2.35	2.23	93.06	30.08	24.12	17.74	15.56	4.79	4.89	7.08	7.47	5.69	19.86	18.24	15.49	15.61	17.36
257	0335	0	4.54	4.17	3.26	3.08	4.17	78.17	95.09	54.80	62.54	96.11	2.54	1.70	2.49	2.36	1.62	17.17	17.68	15.07	15.24	17.60
258	0336	0	3.51	2.76	2.56	2.47	2.54	53.69	62.21	32.61	31.71	57.05	4.62	2.19	5.59	5.58	2.28	16.91	17.61	14.46	14.32	17.21
259	0338	0	6.76	5.51	3.63	3.56	4.88	57.53	103.07	54.35	53.56	94.65	2.87	1.21	3.20	3.33	1.30	18.51	19.20	16.27	16.68	18.94
260	0339	0	1.58	2.11	1.88	1.85	1.94	18.46	17.50	18.63	20.58	14.44	2.19	2.25	3.12	2.92	2.12	10.51	10.25	9.51	9.49	9.76
261	0340	0	2.14	1.02	1.04	.	.	24.65	12.70	8.97	.	.	2.42	1.06	2.23	.	.	13.55	12.53	11.24	.	.
262	0341	0	2.69	1.44	2.13	2.14	1.52	39.16	23.25	19.21	19.32	29.64	2.66	2.34	2.01	2.02	1.20	10.05	10.28	7.91	7.96	9.11
263	0342	0	7.86	1.36	1.32	1.60	1.56	129.12	7.41	6.95	8.92	10.94	3.09	1.97	2.98	3.50	2.19	18.97	14.72	13.10	13.12	14.47
264	0343	0	2.10	1.03	1.09	1.36	1.25	26.36	15.39	17.32	25.44	25.13	1.52	0.77	1.82	1.29	0.45	11.75	10.64	10.35	10.42	10.70
265	0344	0	5.57	3.77	3.50	3.49	3.72	57.41	23.57	24.75	26.35	20.75	5.82	3.83	2.44	6.43	3.89	16.87	15.58	14.33	14.41	15.08
266	0345	0	3.27	0.37	0.95	1.23	0.52	9.87	1.41	5.79	9.12	4.31	4.33	2.89	3.72	4.01	3.00	14.74	15.51	13.28	13.63	15.82
267	0346	0	2.35	2.39	1.90	2.10	2.11	30.19	28.99	20.09	28.32	28.50	2.61	1.28	2.13	1.33	0.73	9.94	9.75	8.77	9.05	9.72
268	0347	0	1.86	0.34	0.87	1.10	0.29	19.40	0.65	7.73	9.40	0.38	3.21	1.59	1.53	1.92	1.70	12.34	11.73	10.69	10.89	11.54
269	0348	0	1.52	0.37	0.72	0.70	0.36	14.09	1.91	3.75	4.67	3.29	5.60	2.78	4.69	4.97	2.89	12.21	12.02	10.73	10.73	11.82
270	0349	0	0.82	0.47	0.60	0.62	0.41	3.11	0.89	2.45	2.60	1.56	2.81	0.80	1.60	1.92	0.73	16.81	15.76	14.76	14.90	15.47
271	0350	0	4.89	3.60	3.46	3.85	3.77	57.21	70.75	38.98	39.70	68.33	5.59	3.46	6.71	7.55	4.13	18.67	20.46	16.52	16.60	20.48
272	0351	0	1.11	0.25	0.22	0.23	0.25	7.26	5.37	3.24	3.46	5.85	2.88	0.86	1.91	2.08	1.12	10.68	10.91	9.39	9.68	10.74
273	0352	0	27.71	28.46	22.27	16.14	22.79	215.36	274.94	218.72	195.18	238.35	0.69	0.31	0.70	0.62	0.45	22.46	25.91	22.07	19.90	23.83
274	0353	0	2.29	3.36	2.35	2.41	3.23	4.00	3.21	2.78	2.34	2.67	2.90	2.71	2.36	2.29	2.61	10.01	9.92	8.75	8.67	9.65
275	0354	0	6.02	4.86	3.81	4.32	4.70	95.26	115.67	54.74	74.50	117.86	5.29	3.11	5.61	5.02	3.06	15.37	14.36	12.74	12.99	14.24
276	0355	0	1.69	0.57	0.45	0.40	0.41	16.83	1.47	0.51	0.32	0.46	4.51	2.42	1.63	3.70	1.91	12.38	12.30	10.87	11.01	12.47
277	0356	0	3.32	1.47	1.43	1.56	1.26	58.03	4.41	5.88	6.63	3.17	3.31	2.32	4.08	4.13	2.41	17.86	17.24	14.54	14.64	16.95
278	0357	0	6.40	1.42	1.88	2.79	1.37	36.53	3.81	6.91	8.86	3.47	4.54	3.57	4.19	4.20	3.61	17.36	17.84	15.68	15.59	17.83
279	0358	0	0.81	0.05	0.18	0.43	0.18	12.87	0.46	5.22	8.88	8.86	2.96	2.04	2.30	2.18	1.09	11.53	11.34	10.06	10.24	11.39
280	0359	0	2.10	1.29	1.41	1.24	1.17	47.05	27.58	35.45	27.74	22.97	1.36	0.77	0.83	0.84	0.80	17.46	18.30	15.70	15.46	17.71
281	0360	0	2.12	2.18	1.71	1.47	2.32	16.45	7.71	7.40	6.26	14.05	3.04	2.18	3.21	3.24	2.14	8.40	9.19	7.33	7.37	9.20
282	0361	0	4.40	4.09	2.88	2.76	3.80	42.33	67.12	33.39	29.97	56.69	4.48	2.42	4.50	5.72	2.52	16.83	17.52	15.03	16.05	16.63
283	0362	0	2.04	1.70	1.68	1.99	2.04	20.88	25.49	28.20	33.47	42.86	2.32	1.28	1.78	1.63	0.87	8.32	7.85	7.58	7.87	8.34
284	0363	0	5.81	2.37	2.20	2.07	2.41	54.83	27.63	21.83	21.69	27.01	3.95	2.89	4.16	4.15	2.78	17.38	16.75	14.25	14.69	16.17
285	0364	0	5.16	2.57	1.28	1.37	2.91	47.69	24.61	12.17	15.97	34.98	3.97	1.73	4.09	4.37	1.72	14.74	13.72	12.13	12.27	13.87
286	0365	0	5.88	3.85	3.20	3.00	3.65	73.22	69.49	51.09	56.00	67.17	4.02	2.77	3.14	3.69	2.94	16.16	15.33	14.02	13.89	15.12
287	0366	0	2.52	0.29	0.59	0.75	0.31	26.20	0.17	13.43	17.31	1.16	3.28	2.15	3.09	3.34	2.48	15.44	14.12	12.95	13.71	14.84
288	0367	0	6.66	4.68	4.42	4.68	4.83	120.35	91.62	102.19	113.73	95.47	0.68	0.44	0.51	0.46	0.43	19.68	18.69	16.96	17.52	18.64

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SUBTEST-PART B

74  
11:52 MONDAY, AUGUST 20, 1984

	T	S	H	H	H	H	H	C	C	C	C	C	N	N	N	N	F	F	F	F	F	
	E	U	C	C	C	C	C	O	O	O	O	O	O	O	O	O	C	C	C	C	C	
	S	B	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
	T	T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
	C	C	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
	A	A	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
	R	R	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
289	0368	0	5.54	4.58	4.46	4.71	4.88	71.70	64.18	42.20	40.45	62.31	5.89	4.22	6.67	7.34	4.64	18.18	18.08	15.45	15.57	17.79
290	0369	0	4.04	1.90	1.70	1.95	2.04	61.73	18.96	16.70	22.25	21.83	3.26	4.70	4.86	4.83	4.59	15.35	13.57	12.62	12.83	13.56
291	0370	0	4.23	0.47	0.94	1.05	0.89	54.74	11.46	8.79	9.51	8.59	2.23	0.73	1.37	1.41	0.72	15.66	16.44	14.13	14.11	15.87
292	0371	0	16.79	2.28	0.81	1.41	0.45	37.62	29.58	2.50	8.64	1.43	6.21	3.75	6.63	7.05	4.67	18.53	19.42	15.59	15.74	18.67
293	0372	0	1.95	1.71	1.50	1.42	1.57	18.15	19.57	11.54	15.08	27.38	3.80	2.46	3.64	3.70	2.01	9.91	10.38	8.61	8.30	9.80
294	0373	0	2.20	2.41	1.60	1.71	1.73	17.91	10.13	10.43	8.20	11.11	3.38	2.12	3.59	3.62	1.68	9.26	9.36	8.04	8.16	8.46
295	0374	0	3.94	2.63	2.22	1.94	2.39	45.10	48.71	32.01	28.34	41.78	5.05	3.33	4.73	4.59	3.04	15.26	13.24	11.92	12.06	12.27

Table 9.1 - 2B

Fleet A (Wider Ontario Sample - 295)  
Sample Characteristics - Part A

MODEL YEAR	74 & OLDER MODEL YEAR										75 & NEWER MODEL YEAR							ALL MY	
	62 67	68 69	70 71	72 73	74 75	76 77	78 79	80 81	82 83	84									
MANUFACTURER																			
10 AMC	-	-	-	-	-	1	1	1	1	2	2	-	-	1	-	10			
20 CHRY	2	3	-	2	1	-	3	2	4	5	8	10	6	6	4	3	-	-	59
30 FORD	1	-	-	1	1	1	2	4	4	5	7	4	4	4	5	5	3	51	
40 GMC	-	-	1	2	4	5	3	5	7	9	14	12	16	14	13	12	11	5	133
55 DATS	-	-	-	-	-	1	-	1	1	1	2	2	1	1	1	1	-	12	
72 TOYO	-	-	-	-	1	1	2	1	-	-	1	-	1	1	1	1	-	10	
75 VW	-	-	-	1	-	-	1	-	-	-	1	1	1	-	1	1	1	8	
81 HOND	-	-	-	-	-	-	-	-	1	1	1	2	1	1	1	-	-	8	
OTHERS	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	4	
ALL MANUF.	3	3	1	4	7	7	9	13	18	21	30	36	34	30	25	25	20	9	295
CID GROUP																			
51 - 140	-	-	-	1	1	3	3	3	5	3	10	9	7	7	12	7	5	76	
141 - 250	2	2	-	1	2	-	1	4	3	2	10	11	7	11	9	8	8	2	83
251 - 360	1	-	1	3	4	6	4	5	9	12	16	14	18	12	9	5	5	2	126
361 - 470	-	1	-	-	-	1	1	3	2	1	1	-	-	-	-	-	-	10	
CYLINDERS																			
4	-	-	-	1	1	3	3	3	5	3	10	9	10	10	13	7	6	84	
6	2	2	-	1	2	-	1	4	3	3	10	11	7	9	6	7	9	1	78
8	1	1	1	3	4	6	5	6	12	13	17	15	18	11	9	5	4	2	133
MILEAGE (000's)																			
0 - 10	-	-	-	-	-	-	-	-	-	-	1	1	7	11	13	11	9	53	
11 - 20	-	-	-	-	-	-	1	-	-	-	1	8	9	8	8	6	-	41	
21 - 40	-	-	-	-	-	1	2	2	2	9	14	14	9	6	4	3	-	66	
41 - 60	-	-	1	-	-	1	2	5	7	7	11	5	2	-	-	-	-	41	
61 - 100	1	1	-	1	3	4	6	4	8	10	12	7	6	3	-	-	-	66	
101 - 200	2	2	-	3	4	3	1	4	3	2	2	2	-	-	-	-	-	28	
INERTIA (LBS)																			
2000 - 3000	1	-	-	1	1	3	3	3	4	2	9	9	8	11	10	5	6	76	
3001 - 4000	1	2	-	3	3	4	2	6	7	7	17	21	19	17	12	15	13	2	151
4001 - 5000	1	1	1	1	2	2	4	4	7	8	11	5	6	5	2	-	2	1	63
5001 - 6000	-	-	-	1	-	-	-	1	2	-	1	-	-	-	-	-	-	-	5

Table 9.1 - 2B (cont'd)

**Fleet A (Wider Ontario Sample - 295)**  
**Sample Characteristics - Part B**

74 & OLDER MODEL YEAR										75 & NEWER MODEL YEAR								ALL MY			
MODEL YEAR	62 67	68 69	70 71	72 73	74 75	76 77	78 79	80 81	82 83	84											
OWNER																					
PRIVATE	3	3	1	4	7	7	8	10	15	16	24	26	30	24	22	14	4	2	220		
DEALER	-	-	-	-	-	-	1	2	1	2	5	7	2	-	-	1	-	-	21		
RENTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	10	16	7	39		
GOVERNMENT	-	-	-	-	-	-	-	1	2	3	1	3	2	3	-	-	-	-	15		
EMISSION SYST.																					
MODIF	-	3	1	4	7	7	6	9	5	4	7	4	3	3	3	2	-	-	68		
AIR INJ	-	-	-	-	-	-	3	4	5	4	1	4	4	2	2	3	2	-	34		
FUEL INJ	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	2	7		
CAT	-	-	-	-	-	-	-	-	6	10	16	17	15	4	13	14	11	4	110		
CAT + AIR	-	-	-	-	-	-	-	-	2	3	6	10	11	20	7	5	6	3	73		
NONE	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3		
SPECIFICATION																					
U.S. (EPA)	1	3	1	4	7	7	9	13	6	7	8	10	5	9	2	1	3	2	98		
CANADA	-	-	-	-	-	-	-	-	2	0	2	4	14	7	12	18	15	7	81		
LABEL ONLY	-	-	-	-	-	-	-	-	4	5	9	11	5	4	9	6	1	-	54		
NOT AVAIL	2	-	-	-	-	-	-	-	6	9	11	11	10	10	2	-	1	-	62		
CANADA STAND.																					
0 PASSED	1	-	-	1	1	1	-	1	1	1	5	4	13	17	10	16	12	6	90		
1 FAIL HC	-	-	-	-	1	-	-	2	2	1	3	3	1	1	-	2	-	1	17		
2 FAIL CO	1	-	1	-	1	1	1	1	-	1	-	-	5	3	3	2	1	-	21		
3 FAIL HC,CO	-	2	-	1	2	5	2	-	8	10	9	12	5	3	4	3	-	1	67		
4 FAIL NO	-	1	-	-	-	-	-	1	2	1	-	3	5	2	7	2	7	1	32		
5 FAIL HC,NO	-	-	-	-	-	-	-	-	1	2	4	-	2	1	-	-	-	-	10		
6 FAIL CO,NO	1	-	-	-	1	-	3	3	1	-	-	-	-	-	1	-	-	-	10		
7 FAIL ALL	-	-	-	2	1	-	3	5	3	5	9	14	3	3	-	-	-	-	48		
ONTARIO STAND.																					
0 PASSED	-	-	1	-	3	2	4	4	8	8	11	19	27	21	18	20	19	8	173		
1 FAIL HC-ID	-	1	-	-	1	1	-	2	-	1	2	-	-	2	-	-	-	1	11		
2 FAIL CO-ID	1	-	-	2	1	2	1	-	4	3	5	4	3	3	4	1	1	-	35		
3 FAIL 1 & 2	-	-	-	1	-	-	-	3	1	3	6	3	1	2	-	-	-	-	20		
4 FAIL CO-FI	1	-	-	-	1	-	3	1	1	-	1	-	1	1	1	3	-	-	14		
5 FAIL 1 & 4	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	2		
6 FAIL 2 & 4	1	2	-	1	-	2	1	2	3	3	2	3	1	-	2	1	-	-	24		
7 FAIL ALL	-	-	-	-	-	-	-	-	-	3	3	6	1	1	-	-	-	-	14		
TOTAL CARS	3	3	1	4	7	7	9	13	18	21	30	36	34	30	25	25	20	9	295		

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	295	357.590	83.048	200.000	550.000	4.835	105489.000	6895.984	23.224	73.95	0.0001
MODELYR	295	77.997	3.718	62.000	84.000	0.216	23009.000	13.827	4.767	360.27	0.0001
CID	295	238.505	96.263	76.000	455.000	5.605	70359.000	9266.625	40.361	42.55	0.0001
MILEAGE	295	46.298	38.179	0.000	192.000	2.223	13658.000	1457.605	82.462	20.83	0.0001
HCEPWEIF	291	2.956	4.735	0.220	59.170	0.278	860.300	22.420	160.162	10.65	0.0001
COEPWEIG	295	34.522	32.570	1.620	247.540	1.896	10183.990	1060.831	94.347	18.20	0.0001
COZEPWEI	295	477.323	122.244	233.300	953.300	7.117	140810.400	14943.641	25.610	67.06	0.0001
NOEPWEIG	295	2.856	1.326	0.380	7.200	0.077	842.410	1.758	46.433	36.99	0.0001
FCEPWEIF	295	14.182	3.619	7.740	26.580	0.211	4183.770	13.099	25.519	67.30	0.0001
COIDLE	293	1.879	2.255	0.010	9.990	0.132	550.650	5.084	119.980	14.27	0.0001
COFASTID	293	0.762	1.148	0.010	7.000	0.067	223.380	1.318	150.590	11.37	0.0001
HCEPCOLD	291	4.071	4.595	0.490	48.500	0.269	1184.540	21.110	112.872	15.11	0.0001
HCEPSTAR	291	2.803	5.762	0.050	78.880	0.338	815.580	33.201	205.591	8.30	0.0001
HCEPHOT	291	2.405	3.357	0.120	29.910	0.197	699.910	11.270	139.576	12.22	0.0001
HCTDHOT	288	2.367	3.208	0.130	30.470	0.189	681.580	10.291	135.549	12.52	0.0001
HCTDSTAR	288	2.634	4.781	0.070	55.570	0.282	758.720	22.861	181.492	9.35	0.0001
COEPCOLD	295	49.195	37.438	3.040	241.510	2.180	14512.560	1401.605	76.101	22.57	0.0001
COEPSTAR	295	33.102	38.509	0.120	274.940	2.242	9765.080	1482.943	116.334	14.76	0.0001
COEPHOT	295	26.046	25.437	0.340	218.720	1.481	7683.650	647.048	97.661	17.59	0.0001
COTDHOT	291	26.590	29.240	0.320	289.690	1.714	7737.820	854.959	109.963	15.51	0.0001
COTDSTAR	291	33.618	44.472	0.080	451.520	2.607	9782.740	1977.758	132.288	12.90	0.0001
NOEPCOLD	295	3.311	1.492	0.320	7.980	0.087	976.880	2.225	45.043	38.13	0.0001
NOEPSTAR	295	2.400	1.253	0.140	6.950	0.073	708.120	1.570	52.207	32.90	0.0001
NOEPHOT	295	3.398	1.687	0.460	8.500	0.098	1002.360	2.846	49.647	34.60	0.0001
NOTDHOT	291	3.435	1.742	0.090	9.770	0.102	999.470	3.036	50.729	33.63	0.0001
NOTDSTAR	291	2.412	1.312	0.210	7.840	0.077	701.760	1.721	54.401	31.36	0.0001
FCEPCOLD	295	15.013	3.844	7.640	27.390	0.224	4428.690	14.779	25.608	67.07	0.0001
FCEPSTAR	295	14.580	3.876	7.850	27.890	0.226	4301.240	15.025	26.585	64.61	0.0001
FCEPHOT	295	12.878	3.152	6.790	23.670	0.184	3799.150	9.937	24.477	70.17	0.0001
FCTDHOT	291	12.860	3.232	6.660	24.410	0.189	3742.280	10.445	25.131	67.88	0.0001
FCTDSTAR	291	14.323	3.949	1.370	30.970	0.231	4168.110	15.594	27.570	61.88	0.0001

TAB. 9.1 - 3

APP. C 17

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=84

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	9	309.778	83.279	225.000	450.000	27.760	2788.000	6935.444	26.884	11.16	0.0001
MODEL YR	9	84.000	0.000	84.000	84.000	0.000	756.000	0.000	0.000	.	.
CID	9	175.111	83.029	98.000	307.000	27.676	1576.000	6893.861	47.415	6.33	0.0002
MILEAGE	9	5.222	2.774	0.000	9.000	0.925	47.000	7.694	53.117	5.65	0.0005
HCEPWEIG	9	1.253	0.876	0.240	2.860	0.292	11.280	0.768	69.920	4.29	0.0026
COEPWEIG	9	10.014	8.667	1.780	26.820	2.889	90.130	75.124	86.549	3.47	0.0085
COZEPWEI	9	428.189	101.416	314.200	594.600	33.805	3853.700	10285.274	23.685	12.67	0.0001
NOEPWEIG	9	2.230	0.771	1.210	3.420	0.257	20.070	0.595	34.579	8.68	0.0001
FCEPWEIG	9	11.734	2.410	9.510	15.700	0.803	105.610	5.808	20.537	14.61	0.0001
COIDLE	9	0.433	0.837	0.050	2.600	0.279	3.900	0.701	193.162	1.55	0.1590
COFASTID	9	0.383	0.607	0.050	1.500	0.202	3.450	0.369	158.412	1.89	0.0949
HCEPCOLD	9	1.913	0.839	0.810	3.270	0.280	17.220	0.704	43.866	6.84	0.0001
HCEPSTAB	9	1.102	1.149	0.050	3.360	0.383	9.920	1.320	104.234	2.88	0.0206
HCEPHOT	9	1.042	0.749	0.180	2.350	0.250	9.380	0.561	71.849	4.18	0.0031
HCTBHOT	9	1.172	0.743	0.230	2.410	0.248	10.550	0.552	63.372	4.73	0.0015
HCTBSTAR	9	1.092	1.049	0.180	3.230	0.350	9.830	1.101	96.054	3.12	0.0142
COEPCOLD	9	15.334	10.291	3.110	30.190	3.430	138.010	105.909	67.112	4.47	0.0021
COEPSTAR	9	8.384	10.427	0.170	28.990	3.476	75.460	108.716	124.358	2.41	0.0423
COEPHOT	9	9.096	6.685	2.450	20.090	2.228	81.860	44.696	73.503	4.08	0.0035
COTBHOT	9	12.506	9.715	2.340	28.320	3.238	112.550	94.374	77.683	3.86	0.0048
COTBSTAR	9	11.713	11.730	1.160	28.500	3.910	105.420	137.602	100.146	3.00	0.0172
NOEPCOLD	9	3.010	0.782	1.520	4.330	0.261	27.090	0.611	25.977	11.55	0.0001
NOEPSTAR	9	1.773	0.854	0.770	2.890	0.285	15.960	0.730	48.182	6.23	0.0003
NOEPHOT	9	2.508	0.787	1.600	3.720	0.262	22.570	0.619	31.375	9.56	0.0001
NOTBHOT	9	2.460	0.994	1.290	4.010	0.331	22.140	0.988	40.405	7.42	0.0001
NOTBSTAR	9	1.580	0.952	0.450	3.000	0.317	14.220	0.906	60.234	4.98	0.0011
FCEPCOLD	9	12.312	2.650	9.910	16.810	0.883	110.810	7.025	21.527	13.94	0.0001
FCEPSTAR	9	12.037	2.409	9.750	15.760	0.803	108.330	5.803	20.014	14.99	0.0001
FCEPHOT	9	10.769	2.300	8.610	14.760	0.767	96.920	5.288	21.354	14.05	0.0001
FCTBHOT	9	10.956	2.466	8.300	14.900	0.822	98.600	6.079	22.505	13.33	0.0001
FCTBSTAR	9	12.014	2.596	9.650	15.820	0.865	108.130	6.738	21.606	13.88	0.0001

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=83

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	20	325.000	68.825	225.000	450.000	15.390	6500.000	4736.842	21.177	21.12	0.0001
MODEL YR	20	83.000	0.000	83.000	83.000	0.000	1660.000	0.000	0.000	.	.
CID	20	198.100	79.404	89.000	307.000	17.755	3962.000	6305.042	40.083	11.16	0.0001
MILEAGE	20	10.350	7.700	1.000	25.000	1.722	207.000	59.292	74.397	6.01	0.0001
HCEPWEIG	18	1.003	0.501	0.370	2.000	0.118	18.060	0.251	49.910	8.50	0.0001
COEPWEIG	20	10.616	6.177	3.730	25.820	1.381	212.320	38.153	58.184	7.69	0.0001
COZEPWEI	20	455.210	104.208	267.100	607.600	23.302	9104.200	10859.343	22.892	19.54	0.0001
VOEPWEIG	20	2.730	0.997	1.210	4.930	0.223	54.610	0.995	36.530	12.24	0.0001
FCEPWEIG	20	12.426	2.667	7.740	16.270	0.596	248.530	7.114	21.464	20.84	0.0001
COIDLE	20	0.310	0.773	0.050	3.400	0.173	6.200	0.598	249.464	1.79	0.0890
COFASTID	20	0.165	0.338	0.050	1.500	0.076	3.300	0.114	204.842	2.18	0.0418
HCEPCOLD	18	1.969	0.586	1.100	3.520	0.138	35.440	0.343	29.739	14.27	0.0001
HCEPSTAR	18	0.680	0.637	0.130	2.110	0.150	12.240	0.406	93.649	4.53	0.0003
HCEPHOT	18	0.889	0.483	0.260	1.880	0.114	16.000	0.233	54.327	7.81	0.0001
HCTDHOT	18	0.926	0.485	0.350	1.850	0.114	16.660	0.235	52.376	8.10	0.0001
HCTDSTAR	18	0.629	0.583	0.070	1.940	0.137	11.320	0.340	92.694	4.58	0.0003
COEPCOLD	20	22.529	10.262	8.860	45.450	2.295	450.590	105.302	45.548	9.82	0.0001
COEPSTAR	20	6.347	7.779	0.310	24.740	1.739	126.940	60.515	122.564	3.65	0.0017
COEPHOT	20	9.784	4.902	2.300	18.630	1.096	195.680	24.031	50.104	8.93	0.0001
COTDHOT	20	10.149	5.421	2.880	20.580	1.212	202.980	29.388	53.414	8.37	0.0001
COTDSTAR	20	5.345	6.216	0.300	20.020	1.390	106.910	38.635	116.279	3.85	0.0011
VOEPCOLD	20	3.365	1.203	1.720	5.600	0.269	67.310	1.447	35.745	12.51	0.0001
VOEPSTAR	20	2.351	1.018	0.940	4.870	0.228	47.030	1.035	43.274	10.33	0.0001
VOEPHOT	20	2.969	1.172	0.770	4.950	0.262	59.390	1.373	39.454	11.34	0.0001
NOTDHOT	20	3.183	1.242	0.970	5.070	0.278	63.670	1.543	39.025	11.46	0.0001
NOTDSTAR	20	2.419	1.109	0.830	4.550	0.248	48.390	1.230	45.832	9.76	0.0001
FCEPCOLD	20	13.007	2.675	8.420	17.770	0.598	260.150	7.155	20.564	21.75	0.0001
FCEPSTAR	20	12.800	2.842	7.980	17.030	0.635	256.000	8.074	22.200	20.15	0.0001
FCEPHOT	20	11.330	2.430	6.790	14.810	0.543	226.610	5.903	21.442	20.86	0.0001
FCTDHOT	20	11.418	2.443	7.130	15.360	0.546	228.370	5.970	21.398	20.90	0.0001
FCTDSTAR	20	12.562	2.769	7.950	16.490	0.619	251.250	7.665	22.038	20.29	0.0001

## SIMPLE STATISTICS

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MODEL YR=82

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	25	304.000	60.673	200.000	400.000	12.135	7600.000	3681.250	19.958	25.05	0.0001
MODEL YR	25	82.000	0.000	82.000	82.000	0.000	2050.000	0.000	0.000	.	.
CID	25	173.560	71.425	81.000	305.000	14.285	4339.000	5101.507	41.153	12.15	0.0001
MILEAGE	25	13.040	8.725	4.000	32.000	1.745	326.000	76.123	66.909	7.47	0.0001
HCEPWEIG	25	1.270	0.602	0.220	2.360	0.120	31.750	0.362	47.387	10.55	0.0001
COEPWEIG	25	16.462	13.440	1.730	64.380	2.688	411.550	180.641	81.644	6.12	0.0001
CO2EPWEI	25	408.968	89.956	252.900	606.800	17.991	10224.200	8092.151	21.996	22.73	0.0001
NOEPWEIG	25	2.165	0.999	0.710	5.290	0.200	54.120	0.997	46.133	10.84	0.0001
FCEPWEIG	25	11.490	2.355	7.880	17.380	0.471	287.240	5.544	20.493	24.40	0.0001
COIULE	25	0.654	0.852	0.050	2.600	0.170	16.350	0.726	130.323	3.84	0.0008
COFASTID	25	0.666	1.064	0.050	3.600	0.213	16.650	1.133	159.828	3.13	0.0046
HCEPCOLD	25	1.940	0.559	0.490	2.930	0.112	48.500	0.312	28.804	17.36	0.0001
HCEPSTAR	25	1.080	0.726	0.150	2.350	0.145	27.000	0.528	67.254	7.43	0.0001
HCEPHOT	25	1.128	0.573	0.180	2.010	0.115	28.190	0.328	50.796	9.84	0.0001
HCTPHOT	24	1.048	0.586	0.160	2.270	0.120	25.160	0.343	55.862	8.77	0.0001
HCTBSTAR	24	1.060	0.751	0.120	2.320	0.153	25.440	0.564	70.846	6.91	0.0001
COEPCOLD	25	25.865	13.118	5.140	56.900	2.624	646.620	172.076	50.717	9.86	0.0001
COEPSTAR	25	13.509	15.071	0.370	66.040	3.014	337.720	227.139	111.565	4.48	0.0001
COEPHOT	25	14.986	14.101	0.730	66.850	2.820	374.660	198.833	94.091	5.31	0.0001
COTPHOT	24	14.821	14.826	1.220	72.150	3.026	355.710	219.806	100.031	4.90	0.0001
COTBSTAR	24	14.341	15.873	0.330	66.570	3.240	344.190	251.966	110.684	4.43	0.0002
NOEPCOLD	25	2.778	1.314	1.140	6.920	0.263	69.450	1.728	47.316	10.57	0.0001
NOEPSTAR	25	1.752	0.874	0.430	4.420	0.175	43.790	0.763	49.871	10.03	0.0001
NOEPHOT	25	2.485	1.133	0.830	5.680	0.227	62.120	1.283	45.584	10.97	0.0001
NOTPHOT	24	2.548	1.286	0.840	6.430	0.262	61.160	1.654	50.462	9.71	0.0001
NOTBSTAR	24	1.823	1.002	0.480	4.790	0.205	43.760	1.005	54.971	8.91	0.0001
FCEPCOLD	25	11.860	2.414	8.320	17.460	0.483	296.500	5.829	20.356	24.56	0.0001
FCEPSTAR	25	11.845	2.465	7.850	18.300	0.493	296.130	6.075	20.808	24.03	0.0001
FCEPHOT	25	10.583	2.221	7.240	15.700	0.444	264.580	4.931	20.982	23.83	0.0001
FCTPHOT	24	10.322	2.221	7.370	15.460	0.453	247.730	4.931	21.514	22.77	0.0001
FCTBSTAR	24	11.575	2.396	8.340	17.710	0.489	277.790	5.739	20.698	23.67	0.0001

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=81

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	25	323.520	77.598	200.000	450.000	15.520	8088.000	6021.427	23.985	20.85	0.0001
MODEL YR	25	81.000	0.000	81.000	81.000	0.000	2025.000	0.000	0.000	.	.
CID	25	201.440	82.713	81.000	307.000	16.543	5036.000	6841.423	41.061	12.18	0.0001
MILEAGE	25	13.640	9.486	1.000	39.000	1.897	341.000	89.990	69.548	7.19	0.0001
HCEPWEIG	25	1.138	0.689	0.310	2.750	0.138	28.460	0.475	60.522	8.26	0.0001
COEPWEIG	25	16.698	12.817	1.620	39.730	2.563	417.440	164.268	76.758	6.51	0.0001
CO2EPWEI	25	437.424	94.525	278.100	585.200	18.905	10935.600	8934.992	21.609	23.14	0.0001
VOEPWEIG	25	2.572	1.175	0.630	4.900	0.235	64.290	1.380	45.685	10.94	0.0001
FCEPWEIG	25	12.222	2.340	8.060	15.960	0.468	305.560	5.476	19.146	26.12	0.0001
COIDLE	25	1.017	1.603	0.030	6.200	0.321	25.430	2.569	157.580	3.17	0.0041
COFASTID	25	0.426	0.655	0.010	2.200	0.131	10.640	0.429	153.945	3.25	0.0034
HCEPCOLD	25	2.014	1.187	0.600	5.160	0.237	50.360	1.410	58.944	8.48	0.0001
HCEPSTAB	25	0.885	0.689	0.140	2.570	0.138	22.130	0.474	77.807	6.43	0.0001
HCEPHOT	25	0.959	0.594	0.250	2.330	0.119	23.980	0.353	61.950	8.07	0.0001
HCTBHOT	25	0.922	0.574	0.250	2.230	0.115	23.060	0.330	62.275	8.03	0.0001
HCTBSTAB	25	0.882	0.751	0.120	2.910	0.150	22.040	0.564	85.164	5.87	0.0001
COEPCOLD	25	30.197	22.504	3.040	79.350	4.501	754.920	506.421	74.524	6.71	0.0001
COEPSTAB	25	11.624	13.304	0.250	40.280	2.661	290.610	177.008	114.453	4.37	0.0002
COEPHOT	25	13.603	10.494	0.630	37.270	2.099	340.080	110.117	77.141	6.48	0.0001
COTBHOT	25	13.454	9.909	0.650	31.740	1.982	336.350	98.189	73.651	6.79	0.0001
COTBSTAB	25	12.914	14.657	0.290	40.190	2.931	322.860	214.814	113.490	4.41	0.0002
NOEPCOLD	25	3.119	1.661	0.760	7.980	0.332	77.980	2.758	53.244	9.39	0.0001
NOEPSTAB	25	2.179	1.053	0.400	4.060	0.211	54.480	1.110	48.341	10.34	0.0001
NOEPHOT	25	2.974	1.628	0.690	6.860	0.326	74.340	2.650	54.742	9.13	0.0001
NOTBHOT	25	2.842	1.547	0.680	6.630	0.309	71.050	2.394	54.439	9.18	0.0001
NOTBSTAB	25	2.050	0.983	0.530	4.100	0.197	51.260	0.966	47.941	10.43	0.0001
FCEPCOLD	25	12.741	2.385	8.290	16.640	0.477	318.520	5.689	18.720	26.71	0.0001
FCEPSTAB	25	12.534	2.571	7.930	16.840	0.514	313.360	6.611	20.513	24.38	0.0001
FCEPHOT	25	11.285	2.048	7.470	14.180	0.410	282.130	4.193	18.144	27.56	0.0001
FCTBHOT	25	10.966	2.189	7.140	14.550	0.438	274.160	4.794	19.965	25.04	0.0001
FCTBSTAB	25	11.927	3.313	1.370	16.410	0.663	298.180	10.974	27.775	18.00	0.0001

W I D E R   O N T A R I O   S A M P L E   -   2 9 5   C A R S  
SIMPLE STATISTICS  
MODEL YR=80

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	30	340.433	75.686	200.000	450.000	13.818	10213.000	5728.392	22.232	24.64	0.0001
MODEL YR	30	80.000	0.000	80.000	80.000	0.000	2400.000	0.000	0.000	.	.
CID	30	216.300	85.080	81.000	350.000	15.533	6489.000	7238.562	39.334	13.92	0.0001
MILEAGE	30	25.067	20.338	1.000	74.000	3.713	752.000	413.651	81.137	6.75	0.0001
HCEPWELG	30	2.229	4.535	0.240	25.610	0.828	66.870	20.562	203.433	2.69	0.0117
COEPWEIG	30	26.846	46.063	3.140	247.540	8.410	805.380	2121.784	171.582	3.19	0.0034
CO2EPWEI	30	464.010	99.372	277.100	635.700	18.143	13920.300	9874.792	21.416	25.58	0.0001
VOEPWEIG	30	2.303	0.972	0.490	4.740	0.177	69.100	0.944	42.192	12.98	0.0001
FCEPWELG	30	13.414	3.483	8.070	24.080	0.636	402.410	12.132	25.967	21.09	0.0001
COIDLE	30	1.219	1.798	0.020	6.400	0.328	36.560	3.232	147.516	3.71	0.0009
COFASTID	30	0.331	0.491	0.010	1.800	0.090	9.940	0.241	148.253	3.69	0.0009
HCEPCOLD	30	3.012	3.964	0.730	22.710	0.724	90.360	15.714	131.611	4.16	0.0003
HCEPSTAR	30	2.111	5.088	0.110	28.460	0.929	63.340	25.886	240.979	2.27	0.0306
HCEPHOT	30	1.860	3.944	0.120	22.270	0.720	55.800	15.555	212.040	2.58	0.0151
HCTBHOT	30	1.650	2.852	0.130	16.140	0.521	49.500	8.134	172.846	3.17	0.0036
HCTBSTAB	30	1.851	4.076	0.080	22.790	0.744	55.530	16.613	220.202	2.49	0.0189
COEPCOLD	30	39.578	40.996	11.600	215.360	7.485	1187.330	1680.672	103.584	5.29	0.0001
COEPSTAR	30	24.397	51.747	0.120	274.940	9.448	731.920	2677.708	212.099	2.58	0.0151
COEPHOT	30	21.887	40.494	0.340	218.720	7.393	656.600	1639.785	185.018	2.96	0.0061
COTBHOT	30	20.495	35.915	0.320	195.180	6.557	614.860	1289.907	175.236	3.13	0.0040
COTBSTAB	30	22.323	44.916	0.080	238.350	8.200	669.700	2017.421	201.205	2.72	0.0109
VOEPCOLD	30	2.886	1.332	0.690	7.460	0.243	86.580	1.775	46.160	11.87	0.0001
VOEPSTAB	30	2.011	0.931	0.310	3.710	0.170	60.330	0.866	46.277	11.84	0.0001
VOEPHOT	30	2.553	1.096	0.700	5.100	0.200	76.600	1.201	42.924	12.76	0.0001
NOTBHOT	30	2.647	1.033	0.620	4.750	0.189	79.420	1.068	39.028	14.03	0.0001
NOTBSTAB	30	1.781	0.772	0.450	3.580	0.141	53.430	0.595	43.322	12.64	0.0001
FCEPCOLD	30	14.210	3.600	7.640	22.460	0.657	426.290	12.963	25.338	21.62	0.0001
FCEPSTAR	30	13.842	3.799	8.490	25.910	0.694	415.270	14.434	27.447	19.96	0.0001
FCEPHOT	30	12.272	3.085	7.660	22.070	0.563	368.170	9.518	25.138	21.79	0.0001
FCTBHOT	30	12.160	2.901	6.660	19.900	0.530	364.810	8.416	23.856	22.96	0.0001
FCTBSTAB	30	13.344	3.542	8.220	23.830	0.647	400.330	12.545	26.542	20.64	0.0001

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=79

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	34	352.206	75.219	225.000	450.000	12.900	11975.000	5657.865	21.356	27.30	0.0001
MODEL YR	34	79.000	0.000	79.000	79.000	0.000	2686.000	0.000	0.000	.	.
CID	34	241.235	96.440	85.000	360.000	16.539	8202.000	9300.610	39.977	14.59	0.0001
MILEAGE	34	35.324	19.546	8.000	81.000	3.352	1201.000	382.044	55.334	10.54	0.0001
HCEPWEIG	34	1.966	1.153	0.590	4.930	0.198	66.860	1.329	58.623	9.95	0.0001
COEPWEIG	34	24.484	16.472	7.050	81.960	2.825	832.440	271.318	67.277	8.67	0.0001
CO2EPWEI	34	466.756	114.261	257.500	641.100	19.596	15937.700	13055.547	24.375	23.92	0.0001
VOEPWEIG	34	2.829	1.155	1.040	5.640	0.198	96.190	1.334	40.821	14.28	0.0001
FCEPWEIG	34	13.454	2.860	8.800	18.140	0.490	457.450	8.177	21.253	27.44	0.0001
COIDLE	34	0.948	1.555	0.010	6.000	0.267	32.220	2.418	164.077	3.55	0.0012
COFASTID	34	0.496	0.862	0.010	3.600	0.148	16.880	0.744	173.686	3.36	0.0020
HCEPCOLD	34	3.569	2.681	1.400	16.790	0.460	121.330	7.189	75.136	7.76	0.0001
HCEPSTAB	34	1.554	1.174	0.200	5.100	0.201	52.850	1.379	75.535	7.72	0.0001
HCEPHOT	34	1.537	0.962	0.460	4.460	0.165	52.260	0.926	62.615	9.31	0.0001
HCTBHOT	34	1.570	0.929	0.480	4.710	0.159	53.370	0.863	59.194	9.85	0.0001
HCTBSTAB	34	1.429	1.162	0.340	5.160	0.199	48.590	1.350	81.311	7.17	0.0001
COEPCOLD	34	49.906	23.923	9.990	129.260	4.103	1696.790	572.309	47.936	12.16	0.0001
COEPSTAB	34	18.707	20.552	0.700	95.770	3.525	636.050	422.397	109.862	5.31	0.0001
COEPHOT	34	16.433	13.705	2.600	64.050	2.350	558.730	187.818	83.396	6.99	0.0001
COTBHOT	34	18.082	15.734	3.740	69.800	2.698	614.790	247.573	87.017	6.70	0.0001
COTBSTAB	34	17.615	21.231	1.250	102.430	3.641	598.910	450.741	120.526	4.84	0.0001
NOEPCOLD	34	3.184	1.260	0.900	6.210	0.216	108.260	1.588	39.574	14.73	0.0001
NOEPSTAB	34	2.438	1.288	0.710	6.950	0.221	82.900	1.660	52.842	11.03	0.0001
NOEPHOT	34	3.301	1.364	1.120	6.670	0.234	112.220	1.860	41.320	14.11	0.0001
NOTBHOT	34	3.326	1.452	1.110	7.340	0.249	113.080	2.109	43.666	13.35	0.0001
NOTBSTAB	34	2.394	1.188	0.720	4.920	0.204	81.380	1.411	49.633	11.75	0.0001
FCEPCOLD	34	14.671	2.936	8.930	18.650	0.503	498.830	8.619	20.011	29.14	0.0001
FCEPSTAB	34	13.682	3.101	8.270	19.420	0.532	465.180	9.616	22.665	25.73	0.0001
FCEPHOT	34	12.137	2.505	7.480	15.610	0.430	412.660	6.277	20.642	28.25	0.0001
FCTBHOT	34	12.130	2.582	7.600	15.930	0.443	412.430	6.668	21.287	27.39	0.0001
FCTBSTAB	34	13.421	2.981	8.250	18.670	0.511	456.320	8.885	22.209	26.25	0.0001

SIMPLE STATISTICS  
MODEL9=78

11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	36	356.944	84.855	200.000	550.000	14.143	12850.000	7200.397	23.773	25.24	0.0001
MODEL9	36	78.000	0.000	78.000	78.000	0.000	2808.000	0.000	0.000	.	.
CID	36	233.972	97.241	76.000	440.000	16.207	8423.000	9455.742	41.561	14.44	0.0001
MILEAGE	36	48.028	24.915	5.000	110.000	4.153	1729.000	620.771	51.877	11.57	0.0001
HCEPWEIG	36	3.111	1.560	0.950	8.050	0.260	111.990	2.435	50.158	11.96	0.0001
COEPWEIG	36	42.781	26.916	8.390	140.090	4.486	1540.110	724.488	62.917	9.54	0.0001
CO2EPWEI	36	454.747	119.713	237.700	767.700	19.952	16370.900	14331.181	26.325	22.79	0.0001
NOEPWEIG	36	2.820	1.333	0.630	5.810	0.222	101.520	1.777	47.268	12.69	0.0001
FCEPWEIG	36	13.948	3.165	8.390	22.050	0.527	502.120	10.015	22.689	26.44	0.0001
COIDLE	35	2.630	2.508	0.010	9.990	0.424	92.050	6.291	95.367	6.20	0.0001
COFASTID	35	0.772	0.969	0.010	4.000	0.164	27.020	0.939	125.491	4.71	0.0001
HCEPCOLD	36	4.600	2.346	1.660	13.420	0.391	165.610	5.504	50.998	11.77	0.0001
HCEPSTAB	36	2.837	1.831	0.340	9.230	0.305	102.120	3.353	64.556	9.29	0.0001
HCEPHOT	36	2.516	1.497	0.600	9.030	0.249	90.560	2.240	59.496	10.08	0.0001
HCTBHOT	36	2.728	2.437	0.370	13.600	0.406	98.200	5.939	89.340	6.72	0.0001
HCTBSTAB	36	2.818	2.496	0.150	14.830	0.416	101.450	6.232	88.588	6.77	0.0001
COEPCOLD	36	57.777	29.625	12.790	175.830	4.937	2079.980	877.615	51.274	11.70	0.0001
COEPSTAB	36	42.378	34.598	0.900	168.180	5.766	1525.620	1197.004	81.640	7.35	0.0001
COEPHOT	36	33.140	22.004	6.100	123.410	3.667	1193.030	484.195	66.399	9.04	0.0001
COTBHOT	36	32.528	23.297	5.240	123.480	3.883	1171.010	542.741	71.621	8.38	0.0001
COTBSTAB	36	41.118	36.930	0.750	194.930	6.155	1480.250	1363.827	89.815	6.68	0.0001
NOEPCOLD	36	3.093	1.407	0.960	6.010	0.234	111.340	1.979	45.482	13.19	0.0001
NOEPSTAB	36	2.413	1.281	0.450	5.920	0.213	86.880	1.640	53.071	11.31	0.0001
NOEPHOT	36	3.392	1.855	0.460	8.410	0.309	122.100	3.442	54.700	10.97	0.0001
NOTBHOT	36	3.424	1.877	0.580	8.570	0.313	123.270	3.522	54.809	10.95	0.0001
NOTBSTAB	36	2.444	1.250	0.240	5.390	0.208	87.990	1.563	51.149	11.73	0.0001
FCEPCOLD	36	15.016	3.471	9.090	23.710	0.579	540.560	12.049	23.117	25.95	0.0001
FCEPSTAB	36	14.193	3.306	8.170	22.560	0.551	510.960	10.930	23.293	25.76	0.0001
FCEPHOT	36	12.712	2.865	7.370	19.880	0.478	457.630	8.210	22.540	26.62	0.0001
FCTBHOT	36	12.756	2.994	6.950	19.880	0.499	459.230	8.966	23.474	25.56	0.0001
FCTBSTAB	36	13.931	3.258	8.010	21.980	0.543	501.500	10.611	23.384	25.66	0.0001

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=77

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR>ITI
INERTIA	30	395.833	65.021	225.000	500.000	11.871	11875.000	4227.730	16.426	33.34	0.0001
MODEL YR	30	77.000	0.000	77.000	77.000	0.000	2310.000	0.000	0.000	.	.
CID	30	278.033	78.396	85.000	400.000	14.313	8341.000	6145.964	28.197	19.43	0.0001
MILEAGE	30	59.100	23.936	26.000	114.000	4.370	1773.000	572.921	40.500	13.52	0.0001
HCEPWEIG	30	2.997	1.328	0.800	7.150	0.242	89.920	1.763	44.300	12.36	0.0001
COEPWEIG	30	36.230	24.977	6.770	100.480	4.560	1086.910	623.832	68.938	7.95	0.0001
COZEPWEI	30	508.270	94.912	259.000	636.200	17.328	15248.100	9008.254	18.674	29.33	0.0001
NOEPWEIG	30	3.075	1.680	0.510	7.200	0.307	92.240	2.822	54.631	10.03	0.0001
FCEPWEIG	30	15.059	2.732	8.260	20.370	0.499	451.770	7.465	18.143	30.19	0.0001
COIDLE	30	2.262	1.925	0.050	6.000	0.351	67.850	3.705	85.106	6.44	0.0001
COFASTID	30	0.643	0.853	0.050	3.000	0.156	19.300	0.727	132.569	4.13	0.0003
HCEPCOLD	30	4.274	1.619	1.860	8.010	0.296	128.220	2.620	37.874	14.46	0.0001
HCEPSTAR	30	2.737	1.574	0.420	7.530	0.287	82.100	2.477	57.511	9.52	0.0001
HCEPHOT	30	2.524	1.068	0.720	5.790	0.195	75.720	1.140	42.298	12.95	0.0001
HCTBHOT	30	2.544	1.031	0.620	5.360	0.188	76.330	1.063	40.513	13.52	0.0001
HCTBSTAB	30	2.751	1.460	0.380	7.040	0.267	82.530	2.132	53.082	10.32	0.0001
COEPCOLD	30	50.749	25.521	7.830	120.350	4.659	1522.460	651.314	50.289	10.89	0.0001
COEPSTAR	30	34.914	30.401	2.090	108.890	5.550	1047.420	924.200	87.073	6.79	0.0001
COEPHOT	30	27.722	21.211	6.100	102.190	3.872	831.670	449.887	76.511	7.16	0.0001
COTBHOT	30	29.368	26.196	4.480	113.730	4.783	881.040	686.231	89.199	6.14	0.0001
COTBSTAB	30	36.281	30.289	1.020	100.640	5.530	1088.430	917.441	83.485	6.56	0.0001
NOEPCOLD	30	3.438	1.598	0.680	7.250	0.292	103.130	2.555	46.495	11.78	0.0001
NOEPSTAR	30	2.653	1.654	0.440	6.680	0.302	79.590	2.734	62.329	8.79	0.0001
NOEPHOT	30	3.605	1.951	0.510	8.160	0.356	108.140	3.806	54.120	10.12	0.0001
NOTBHOT	30	3.705	2.014	0.460	8.390	0.368	111.140	4.057	54.367	10.07	0.0001
NOTBSTAB	30	2.758	1.791	0.430	6.790	0.327	82.750	3.207	64.925	8.44	0.0001
FCEPCOLD	30	15.978	2.671	8.500	20.660	0.488	479.340	7.134	16.716	32.77	0.0001
FCEPSTAR	30	15.353	2.970	8.600	21.600	0.542	460.580	8.822	19.346	28.31	0.0001
FCEPHOT	30	13.851	2.519	7.470	18.000	0.460	415.540	6.348	18.189	30.11	0.0001
FCTBHOT	30	13.779	2.437	7.460	17.520	0.445	413.360	5.938	17.686	30.97	0.0001
FCTBSTAB	30	15.057	3.030	8.510	20.760	0.553	451.720	9.181	20.123	27.22	0.0001

WIDER ONTARIO SAMPLE - 295 CARS  
SIMPLE STATISTICS  
MODELYR=76

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	21	398.810	98.893	200.000	550.000	21.580	8375.000	9779.762	24.797	18.48	0.0001
MODELYR	21	76.000	0.000	76.000	76.000	0.000	1596.000	0.000	0.000	.	.
CID	21	280.286	111.155	76.000	455.000	24.256	5886.000	12355.514	39.658	11.56	0.0001
MILEAGE	21	68.333	21.082	36.000	108.000	4.600	1435.000	444.433	30.851	14.85	0.0001
HCEPWEIG	21	3.010	1.226	1.280	6.330	0.267	63.220	1.503	40.719	11.25	0.0001
COEPWEIG	21	47.598	27.834	6.720	109.810	6.074	999.550	774.737	58.478	7.84	0.0001
CO2EPWEI	21	541.157	172.499	233.300	953.300	37.642	11364.300	29756.041	31.876	14.38	0.0001
NOEPWEIG	21	2.813	1.208	1.110	5.450	0.264	59.080	1.460	42.950	10.67	0.0001
FCEPWEIG	21	16.410	4.390	8.100	26.580	0.958	344.620	19.270	26.750	17.13	0.0001
COIDLE	21	2.967	2.794	0.050	8.600	0.610	62.300	7.808	94.190	4.87	0.0001
COFASTID	21	0.898	1.184	0.050	4.600	0.258	18.850	1.401	131.858	3.48	0.0024
HCEPCOLD	21	3.816	1.353	1.870	6.730	0.295	80.130	1.831	35.462	12.92	0.0001
HCEPSTAB	21	2.879	1.474	1.210	7.280	0.322	60.460	2.172	51.188	8.95	0.0001
HCEPHOT	21	2.653	0.972	0.940	4.450	0.212	55.720	0.944	36.620	12.51	0.0001
HCT8HOT	21	2.499	1.008	0.910	4.530	0.220	52.470	1.017	40.359	11.35	0.0001
HCT8STAR	21	2.847	1.337	1.050	5.730	0.292	59.790	1.788	46.959	9.76	0.0001
COEPCOLD	21	55.961	24.123	17.690	113.580	5.264	1175.180	581.934	43.107	10.63	0.0001
COEPSTAR	21	50.456	36.929	2.550	144.120	8.059	1059.580	1363.765	73.191	6.26	0.0001
COEPHOT	21	35.803	20.533	3.410	101.370	4.481	751.860	821.601	57.350	7.99	0.0001
COT8HOT	21	34.743	21.563	2.960	102.240	4.706	729.600	464.979	62.066	7.38	0.0001
COT8STAR	21	50.659	35.380	2.480	135.180	7.721	1063.840	1251.766	69.840	6.56	0.0001
NOEPCOLD	21	3.103	1.213	1.480	5.330	0.265	65.160	1.472	39.100	11.72	0.0001
NOEPSTAR	21	2.379	1.178	0.750	5.200	0.257	49.950	1.387	49.517	9.25	0.0001
NOEPHOT	21	3.428	1.391	1.230	6.180	0.304	71.980	1.935	40.587	11.29	0.0001
NOT8HOT	21	3.368	1.500	1.180	6.630	0.327	70.730	2.249	44.525	10.29	0.0001
NOT8STAR	21	2.429	1.160	0.650	4.670	0.253	51.010	1.347	47.773	9.59	0.0001
FCEPCOLD	21	17.121	4.491	8.060	27.390	0.980	359.550	20.172	26.232	17.47	0.0001
FCEPSTAR	21	16.992	4.717	8.400	27.890	1.029	356.830	22.250	27.760	16.51	0.0001
FCEPHOT	21	14.856	3.859	7.610	23.670	0.842	311.970	14.892	25.977	17.64	0.0001
FCT8HOT	21	14.774	4.016	7.120	24.410	0.876	310.260	16.132	27.185	16.86	0.0001
FCT8STAR	21	16.600	4.325	8.780	25.630	0.944	348.590	18.708	26.056	17.59	0.0001

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=75

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	18	411.111	86.272	250.000	550.000	20.334	7400.000	7442.810	20.985	20.22	0.0001
MODEL YR	18	75.000	0.000	75.000	75.000	0.000	1350.000	0.000	0.000	.	.
CID	18	288.222	99.776	85.000	400.000	23.517	5188.000	9955.242	34.618	12.26	0.0001
MILEAGE	18	72.778	31.148	21.000	138.000	7.342	1310.000	970.183	42.798	9.91	0.0001
HCEPWEIG	18	3.253	1.555	1.450	8.190	0.365	58.560	2.418	47.794	8.88	0.0001
COEPWEIG	18	50.339	39.636	8.650	167.640	9.342	906.110	1571.021	78.738	5.39	0.0001
CO2EPWEI	18	573.867	146.359	295.800	810.600	34.497	10329.600	21421.036	25.504	16.64	0.0001
NOEPWEIG	18	3.535	1.655	1.890	7.110	0.390	63.630	2.738	46.810	9.06	0.0001
FCEPWEIG	18	17.425	3.975	9.550	23.120	0.937	313.650	15.798	22.810	18.60	0.0001
COIDLE	17	2.997	3.030	0.050	9.000	0.735	50.950	9.182	101.104	4.08	0.0009
COFASTID	17	1.026	1.431	0.050	5.100	0.347	17.450	2.048	139.413	2.96	0.0093
HCEPCOLD	18	4.591	2.137	2.570	10.150	0.504	82.630	4.565	46.543	9.12	0.0001
HCEPSTAR	18	3.019	1.630	1.090	8.580	0.384	54.340	2.658	54.007	7.86	0.0001
HCEPHOT	18	2.694	1.191	1.140	5.980	0.281	48.490	1.418	44.197	9.60	0.0001
HCTBHOT	17	2.575	1.113	1.350	5.760	0.270	43.770	1.238	43.211	9.54	0.0001
HCTBSTAR	17	2.906	1.563	1.080	8.020	0.379	49.410	2.442	53.761	7.67	0.0001
COEPCOLD	18	67.056	50.401	8.630	218.280	11.880	1207.000	2540.267	75.163	5.64	0.0001
COEPSTAR	18	52.306	49.054	1.690	203.680	11.562	941.510	2406.250	93.782	4.52	0.0003
COEPHOT	18	33.898	26.932	5.290	105.860	6.348	610.160	725.355	79.452	5.34	0.0001
COTBHOT	17	32.349	26.818	5.880	101.910	6.504	549.930	719.217	82.903	4.97	0.0001
COTBSTAR	17	52.419	50.536	2.260	189.730	12.257	891.130	2553.862	96.407	4.28	0.0006
NOEPCOLD	18	3.804	1.705	1.250	6.710	0.402	68.480	2.907	44.819	9.47	0.0001
NOEPSTAR	18	2.901	1.634	1.060	6.630	0.385	52.220	2.668	56.307	7.53	0.0001
NOEPHOT	18	4.542	1.979	2.240	8.500	0.467	81.760	3.918	43.578	9.74	0.0001
NOTBHOT	17	4.461	2.134	1.630	9.770	0.518	75.840	4.555	47.843	8.62	0.0001
NOTBSTAR	17	2.903	1.546	1.150	6.410	0.375	49.350	2.389	53.241	7.74	0.0001
FCEPCOLD	18	18.180	4.332	10.160	23.460	1.021	327.240	18.766	23.828	17.81	0.0001
FCEPSTAR	18	18.151	4.255	9.340	24.460	1.003	326.720	18.109	23.445	18.10	0.0001
FCEPHOT	18	15.576	3.452	9.450	20.500	0.814	280.360	11.919	22.166	19.14	0.0001
FCTBHOT	17	15.464	3.575	8.990	20.890	0.867	262.890	12.784	23.121	17.83	0.0001
FCTBSTAR	17	17.804	4.369	8.910	23.810	1.060	302.660	19.092	24.543	16.80	0.0001

W I D E R   O N T A R I O   S A M P L E   -   2 9 5   C A R S  
S I M P L E   S T A T I S T I C S  
M O D E L Y R = 7 4

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	13	365.385	84.495	225.000	450.000	23.435	4750.000	7139.423	23.125	15.59	0.0001
MODEL YR	13	74.000	0.000	74.000	74.000	0.000	962.000	0.000	0.000	.	.
CID	13	259.000	107.023	97.000	400.000	29.683	3367.000	11454.000	41.322	8.73	0.0001
MILEAGE	13	73.692	36.374	18.000	126.000	10.088	958.000	1323.064	49.359	7.30	0.0001
HCEPWETG	13	6.516	8.567	1.390	33.470	2.376	84.710	73.391	131.471	2.74	0.0178
COEPWEIG	13	37.601	20.976	8.790	86.310	5.818	488.810	439.998	55.786	6.46	0.0001
COZEPWEI	13	506.631	153.557	276.000	805.700	42.589	6586.200	23579.629	30.309	11.90	0.0001
NOEPWEIG	13	3.873	1.386	1.390	5.950	0.384	50.350	1.920	35.779	10.08	0.0001
FCEPWETG	13	15.439	4.169	8.790	22.060	1.156	200.710	17.382	27.004	13.35	0.0001
COIDLE	13	2.858	2.593	0.200	9.200	0.719	37.150	6.725	90.746	3.97	0.0018
COFASTID	13	1.196	1.658	0.050	5.600	0.460	15.550	2.751	138.652	2.60	0.0232
HCEPCOLD	13	7.756	9.642	1.900	32.820	2.674	100.830	92.969	124.315	2.90	0.0133
HCEPSTAR	13	6.568	9.132	0.900	35.630	2.533	85.380	83.386	139.038	2.59	0.0235
HCEPHOT	13	5.469	7.508	1.450	29.830	2.092	71.100	56.368	137.275	2.63	0.0221
HCTBHOT	12	5.246	7.516	1.490	28.610	2.170	62.950	56.483	143.266	2.42	0.0341
HCTBSTAR	12	6.614	10.094	0.910	37.610	2.914	79.370	101.898	152.618	2.27	0.0443
COEPCOLD	13	43.234	16.433	16.310	74.480	4.558	562.040	270.054	38.010	9.49	0.0001
COEPSTAR	13	41.177	28.731	6.700	104.580	7.969	535.300	825.494	69.776	5.17	0.0002
COEPHOT	13	26.496	13.306	7.060	60.430	3.691	344.450	177.061	50.220	7.18	0.0001
COTBHOT	12	24.797	13.522	5.710	58.240	3.904	297.570	182.848	54.530	6.35	0.0001
COTBSTAR	12	39.003	26.368	5.670	100.840	7.612	468.040	695.270	67.604	5.12	0.0003
NOEPCOLD	13	4.508	1.610	1.500	7.110	0.447	58.600	2.593	35.721	10.09	0.0001
NOEPSTAR	13	3.041	1.160	1.160	4.930	0.322	39.530	1.345	38.140	9.45	0.0001
NOEPHOT	13	4.975	1.792	1.750	7.370	0.497	64.680	3.213	36.025	10.01	0.0001
NOTBHOT	12	5.135	1.805	1.880	7.160	0.521	61.620	3.257	35.148	9.86	0.0001
NOTBSTAR	12	3.327	1.251	1.550	5.090	0.361	39.920	1.566	37.614	9.21	0.0001
FCEPCOLD	13	16.409	4.735	9.200	24.220	1.313	213.320	22.418	28.854	12.50	0.0001
FCEPSTAR	13	15.875	4.385	8.990	22.080	1.216	206.370	19.232	27.625	13.05	0.0001
FCEPHOT	13	13.946	3.509	8.150	20.410	0.973	181.300	12.311	25.159	14.33	0.0001
FCTBHOT	12	14.212	3.432	8.380	19.830	0.991	170.540	11.781	24.152	14.34	0.0001
FCTBSTAR	12	15.927	3.989	8.930	20.620	1.152	191.120	15.915	25.048	13.83	0.0001

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=73

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	9	369.444	81.756	275.000	450.000	27.252	3325.000	6684.028	22.129	13.56	0.0001
MODEL YR	9	73.000	0.000	73.000	73.000	0.000	657.000	0.000	0.000	.	.
CID	9	262.444	114.957	108.000	400.000	38.319	2362.000	13215.028	43.802	6.85	0.0001
MILEAGE	9	73.556	26.996	36.000	136.000	8.999	662.000	728.778	36.701	8.17	0.0001
HCEPWEIG	8	3.511	1.046	2.190	5.450	0.370	28.090	1.095	29.799	9.49	0.0001
COEPWEIG	9	74.724	47.060	32.580	170.800	15.687	672.520	2214.647	62.978	4.76	0.0014
CO2EPWEI	9	481.456	135.405	309.200	642.500	45.135	4333.100	18334.390	28.124	10.67	0.0001
NOEPWEIG	9	3.668	1.194	1.200	4.930	0.398	33.010	1.427	32.565	9.21	0.0001
FCEPWEIG	9	16.027	4.651	9.910	20.670	1.550	144.240	21.633	29.021	10.34	0.0001
COIDLE	9	2.822	1.464	1.000	6.000	0.488	25.400	2.142	51.858	5.79	0.0004
COFASTID	9	1.644	1.173	0.200	3.100	0.391	14.800	1.375	71.314	4.21	0.0030
HCEPCOLD	8	4.589	2.034	3.020	9.340	0.719	36.710	4.137	44.325	6.38	0.0004
HCEPSTAR	8	3.215	0.955	1.780	4.460	0.338	25.720	0.912	29.703	9.52	0.0001
HCEPHOT	8	3.264	0.725	2.330	4.390	0.256	26.110	0.526	22.222	12.73	0.0001
HCTDHOT	8	3.197	0.879	1.940	4.360	0.311	25.580	0.774	27.506	10.28	0.0001
HCTDSTAR	8	3.151	0.948	1.530	4.130	0.335	25.210	0.898	30.068	9.41	0.0001
COEPCOLD	9	86.362	63.524	46.270	240.790	21.175	777.260	4035.292	73.555	4.08	0.0035
COEPSTAR	9	81.824	59.440	21.460	218.820	19.813	736.420	3533.115	72.643	4.13	0.0033
COEPHOT	9	52.504	26.096	24.360	107.860	8.699	472.540	680.999	49.702	6.04	0.0003
COTDHOT	9	51.417	26.131	30.150	104.540	8.710	462.750	682.837	50.822	5.90	0.0004
COTDSTAR	9	77.470	56.723	14.810	213.720	18.908	697.230	3217.497	73.219	4.10	0.0035
NOEPCOLD	9	4.402	1.805	0.620	6.790	0.602	39.620	3.258	41.002	7.32	0.0001
NOEPSTAR	9	2.749	0.939	0.870	3.730	0.313	24.740	0.882	34.157	8.78	0.0001
NOEPHOT	9	4.874	1.412	2.290	6.710	0.471	43.870	1.995	28.976	10.35	0.0001
NOTDHOT	9	4.860	1.710	2.140	7.550	0.570	43.740	2.925	35.190	8.53	0.0001
NOTDSTAR	9	2.843	1.035	1.080	4.130	0.345	25.590	1.071	36.389	8.24	0.0001
FCEPCOLD	9	16.819	4.668	11.150	22.930	1.556	151.370	21.793	27.757	10.81	0.0001
FCEPSTAR	9	16.687	5.323	9.420	22.350	1.774	150.180	28.337	31.901	9.40	0.0001
FCEPHOT	9	14.278	3.614	9.530	18.400	1.205	128.500	13.058	25.309	11.85	0.0001
FCTDHOT	9	14.294	3.717	9.520	18.450	1.239	128.650	13.817	26.004	11.54	0.0001
FCTDSTAR	9	16.303	5.035	9.220	21.760	1.678	146.730	25.349	30.882	9.71	0.0001

## SIMPLE STATISTICS

11:52 MONDAY, AUGUST 20, 1984

MODEL YR=72

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	7	382.143	87.457	225.000	500.000	33.056	2675.000	7648.810	22.886	11.56	0.0001
MODEL YR	7	72.000	0.000	72.000	72.000	0.000	504.000	0.000	0.000	.	.
CID	7	314.000	95.689	97.000	351.000	36.167	2198.000	9156.333	30.474	8.68	0.0001
MILEAGE	7	98.571	21.054	77.000	129.000	7.958	690.000	443.286	21.359	12.39	0.0001
HCEPWEIG	6	4.455	2.111	2.810	8.590	0.862	26.730	4.457	47.389	5.17	0.0036
COEPWEIG	7	57.421	22.137	21.570	85.780	8.367	401.950	490.067	38.553	6.86	0.0005
CO2EPWEI	7	549.471	123.399	325.400	683.700	46.640	3846.300	15227.259	22.458	11.78	0.0001
NOEPWEIG	7	2.897	0.846	1.870	3.780	0.320	20.280	0.716	29.204	9.06	0.0001
FCEPWEIG	7	17.173	3.919	9.460	21.150	1.481	120.210	15.355	22.819	11.59	0.0001
COIDLE	7	3.386	2.098	0.600	7.000	0.793	23.700	4.401	61.965	4.27	0.0053
COFASTID	7	1.043	0.600	0.400	2.200	0.227	7.300	0.360	57.496	4.60	0.0037
HCEPCOLD	6	6.372	3.114	4.020	11.280	1.271	38.230	9.696	48.869	5.01	0.0041
HCEPSTAR	6	4.145	2.153	2.350	8.370	0.879	24.870	4.635	51.942	4.72	0.0053
HCEPHOT	6	3.602	1.717	2.110	6.990	0.701	21.610	2.947	47.664	5.14	0.0036
HCTBHOT	6	3.247	1.199	2.000	5.530	0.490	19.480	1.438	36.932	6.63	0.0012
HCTBSTAB	6	4.070	2.296	2.190	8.570	0.937	24.420	5.273	56.421	4.34	0.0074
COEPCOLD	7	79.153	55.166	24.010	185.750	20.851	554.070	3043.233	69.695	3.80	0.0090
COEPSTAR	7	58.321	21.377	23.200	95.090	8.080	408.250	456.996	36.655	7.22	0.0004
COEPHOT	7	39.269	15.193	16.630	64.800	5.742	274.880	230.830	38.690	6.84	0.0005
COTBHOT	6	40.258	12.822	28.320	62.540	5.235	241.550	164.402	31.849	7.69	0.0006
COTBSTAB	6	60.288	18.425	44.040	96.110	7.522	361.730	339.467	30.561	8.02	0.0005
NOEPCOLD	7	3.306	0.937	1.740	4.390	0.354	23.140	0.877	28.332	9.34	0.0001
NOEPSTAR	7	2.351	0.965	1.310	4.150	0.365	16.460	0.932	41.060	6.44	0.0007
NOEPHOT	7	3.617	1.080	2.490	5.020	0.408	25.320	1.166	29.851	8.86	0.0001
NOTBHOT	6	3.755	1.335	2.360	5.250	0.545	22.530	1.782	35.555	6.89	0.0010
NOTBSTAB	6	2.410	0.653	1.520	2.910	0.267	14.460	0.426	27.096	9.04	0.0003
FCEPCOLD	7	18.079	4.862	9.670	23.390	1.838	126.550	23.639	26.894	9.84	0.0001
FCEPSTAR	7	17.991	3.951	10.160	22.490	1.493	125.940	15.607	21.958	12.05	0.0001
FCEPHOT	7	15.047	3.343	8.090	17.910	1.264	105.330	11.178	22.219	11.91	0.0001
FCTBHOT	6	15.977	1.384	14.420	18.100	0.565	95.860	1.915	8.661	28.28	0.0001
FCTBSTAB	6	18.875	1.867	17.090	21.830	0.762	113.250	3.487	9.893	24.76	0.0001

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=71

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR>ITI
INERTIA	7	396.429	110.330	225.000	550.000	41.701	2775.000	12172.619	27.831	9.51	0.0001
MODEL YR	7	71.000	0.000	71.000	71.000	0.000	497.000	0.000	0.000	.	.
CID	7	273.857	88.273	97.000	350.000	33.364	1917.000	7792.143	32.233	8.21	0.0002
MILEAGE	7	117.143	29.555	91.000	160.000	11.171	820.000	873.476	25.230	10.49	0.0001
HCEPWEIG	7	9.217	11.098	2.680	32.940	4.195	64.520	123.176	120.411	2.20	0.0704
COEPWEIG	7	57.796	27.842	32.240	109.840	10.523	404.570	775.156	48.172	5.49	0.0015
CO2EPWEI	7	515.386	88.725	342.300	607.200	33.535	3607.700	7872.205	17.215	15.37	0.0001
NOEPWEIG	7	3.583	1.498	1.050	5.470	0.566	25.080	2.245	41.822	6.33	0.0007
FCEPWEIG	7	16.739	2.576	14.540	21.940	0.974	117.170	6.635	15.389	17.19	0.0001
COIDLE	7	2.179	1.704	0.200	5.200	0.644	15.250	2.903	78.211	3.38	0.0148
COFASTID	7	1.829	2.464	0.100	7.000	0.931	12.800	6.069	134.725	1.96	0.0972
HCEPCOLD	7	11.041	11.435	3.510	35.430	4.322	77.290	130.752	103.562	2.55	0.0432
HCEPSTAR	7	9.299	11.553	1.360	33.550	4.367	65.090	133.470	124.244	2.13	0.0773
HCEPHOT	7	7.690	10.167	1.320	29.910	3.843	53.830	103.371	132.213	2.00	0.0923
HCTBHOT	7	7.749	10.387	1.600	30.470	3.926	54.240	107.899	134.056	1.97	0.0959
HCTBSTAR	7	8.740	11.998	1.560	34.400	4.535	61.180	143.958	137.280	1.93	0.1022
COEPCOLD	7	90.377	26.262	53.690	129.120	9.926	632.640	689.675	29.058	9.11	0.0001
COEPSTAR	7	53.621	36.536	7.410	121.690	13.809	375.350	1334.906	68.138	3.88	0.0081
COEPHOT	7	41.154	32.494	6.950	93.790	12.282	288.080	1055.863	78.957	3.35	0.0154
COTBHOT	7	41.206	33.975	8.920	98.540	12.841	288.440	1154.267	82.451	3.21	0.0184
COTBSTAR	7	50.823	41.305	10.940	123.520	15.612	355.760	1706.074	81.272	3.26	0.0173
NOEPCOLD	7	3.941	1.363	1.360	5.510	0.515	27.590	1.859	34.589	7.65	0.0003
NOEPSTAR	7	2.983	1.424	0.890	4.890	0.538	20.880	2.027	47.726	5.54	0.0015
NOEPHOT	7	4.456	1.991	1.130	7.080	0.753	31.190	3.966	44.693	5.92	0.0010
NOTBHOT	7	4.750	2.108	1.060	7.470	0.797	33.250	4.443	44.375	5.96	0.0010
NOTBSTAR	7	3.696	2.377	0.810	7.840	0.898	25.870	5.650	64.320	4.11	0.0063
FCEPCOLD	7	18.323	2.832	15.100	23.350	1.070	128.260	8.018	15.454	17.12	0.0001
FCEPSTAR	7	17.127	2.700	14.660	22.380	1.020	119.890	7.290	15.764	16.78	0.0001
FCEPHOT	7	14.861	2.484	12.930	20.120	0.939	104.030	6.168	16.712	15.83	0.0001
FCTBHOT	7	15.026	2.576	13.120	20.440	0.974	105.180	6.637	17.145	15.43	0.0001
FCTBSTAR	7	18.000	3.526	14.470	23.480	1.333	126.000	12.435	19.591	13.50	0.0001

W I D E R O N T A R I O S A M P L E - 2 4 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=70

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	4	387.500	47.871	350.000	450.000	23.936	1550.000	2291.667	12.354	16.19	0.0005
MODEL YR	4	70.000	0.000	70.000	70.000	0.000	280.000	0.000	0.000	.	.
CID	4	300.000	53.223	225.000	350.000	26.611	1200.000	2832.667	17.741	11.27	0.0015
MILEAGE	4	146.250	42.602	89.000	192.000	21.301	585.000	1814.917	29.129	6.87	0.0063
HCEPWEIG	4	4.677	0.491	4.070	5.250	0.246	18.710	0.241	10.502	19.04	0.0003
COEPWEIG	4	70.457	28.537	30.890	97.540	14.269	281.830	814.370	40.503	4.94	0.0159
CO2EPWEI	4	481.300	82.126	366.200	552.300	41.063	1925.200	6744.607	17.063	11.72	0.0013
NOEPWEIG	4	3.585	1.010	2.090	4.240	0.505	14.340	1.020	28.166	7.10	0.0057
FCEPWEIG	4	15.952	1.703	14.120	18.220	0.852	63.810	2.902	10.678	18.73	0.0003
COIDLE	4	4.800	1.451	3.400	6.800	0.726	19.200	2.107	30.238	6.61	0.0070
COFASTID	4	1.850	1.121	1.000	3.500	0.561	7.400	1.257	60.595	3.30	0.0457
HCEPCOLD	4	5.982	0.559	5.570	6.760	0.280	23.930	0.313	9.347	21.40	0.0002
HCEPSTAB	4	4.670	0.723	3.770	5.510	0.362	18.680	0.523	15.484	12.92	0.0010
HCEPHOT	4	3.702	0.169	3.500	3.870	0.085	14.810	0.029	4.570	43.77	0.0001
HCT3HOT	4	3.797	0.400	3.420	4.320	0.200	15.190	0.160	10.538	18.98	0.0003
HCT3STAB	4	4.387	0.518	3.720	4.880	0.259	17.550	0.268	11.804	16.94	0.0004
COEPCOLD	4	76.397	17.086	57.410	95.260	8.543	305.590	291.939	22.365	8.94	0.0030
COEPSTAB	4	80.252	40.785	23.570	115.670	20.393	321.010	1663.451	50.821	3.94	0.0292
COEPHOT	4	47.337	16.986	24.750	64.740	8.493	189.350	288.519	35.882	5.57	0.0114
COT3HOT	4	48.567	20.550	26.350	74.500	10.275	194.270	422.286	42.311	4.73	0.0179
COT3STAB	4	76.382	41.497	20.750	117.860	20.748	305.530	1721.991	54.328	3.68	0.0347
NOEPCOLD	4	4.425	1.367	2.870	5.820	0.684	17.700	1.870	30.902	6.47	0.0075
NOEPSTAB	4	2.887	1.157	1.210	3.830	0.578	11.550	1.338	40.062	4.99	0.0155
NOEPHOT	4	4.285	1.724	2.440	5.890	0.862	17.140	2.971	40.225	4.97	0.0156
NOT3HOT	4	5.302	1.473	3.330	6.430	0.737	21.210	2.171	27.788	7.20	0.0055
NOT3STAB	4	3.052	1.238	1.300	3.960	0.619	12.210	1.532	40.550	4.93	0.0160
FCEPCOLD	4	16.807	1.301	15.370	18.510	0.650	67.230	1.692	7.739	25.84	0.0001
FCEPSTAB	4	16.500	2.069	14.360	19.200	1.035	66.000	4.282	12.541	15.95	0.0005
FCEPHOT	4	14.342	1.458	12.740	16.270	0.729	57.370	2.127	10.169	19.67	0.0003
FCT3HOT	4	14.570	1.540	12.990	16.680	0.770	58.280	2.370	10.567	18.93	0.0003
FCT3STAB	4	16.260	2.076	14.240	18.940	1.038	65.040	4.309	12.766	15.67	0.0006

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=69

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	1	450.000	.	450.000	450.000	.	450.000	.	.	.	.
MODEL YR	1	69.000	.	69.000	69.000	.	69.000	.	.	.	.
CID	1	327.000	.	327.000	327.000	.	327.000	.	.	.	.
MILEAGE	1	52.000	.	52.000	52.000	.	52.000	.	.	.	.
HCEPWEIG	1	5.750	.	5.750	5.750	.	5.750	.	.	.	.
COEPWEIG	1	74.380	.	74.380	74.380	.	74.380	.	.	.	.
CO2EPWEI	1	520.600	.	520.600	520.600	.	520.600	.	.	.	.
NOEPWEIG	1	3.700	.	3.700	3.700	.	3.700	.	.	.	.
FCEPWEIG	1	17.330	.	17.330	17.330	.	17.330	.	.	.	.
COIDLE	1	2.550	.	2.550	2.550	.	2.550	.	.	.	.
COFASTID	1	1.450	.	1.450	1.450	.	1.450	.	.	.	.
HCEPCOLD	1	8.260	.	8.260	8.260	.	8.260	.	.	.	.
HCEPSTAR	1	5.200	.	5.200	5.200	.	5.200	.	.	.	.
HCEPHOT	1	4.910	.	4.910	4.910	.	4.910	.	.	.	.
HCTBHOT	1	4.720	.	4.720	4.720	.	4.720	.	.	.	.
HCTBSTAB	1	4.950	.	4.950	4.950	.	4.950	.	.	.	.
COEPCOLD	1	138.660	.	138.660	138.660	.	138.660	.	.	.	.
COEPSTAR	1	57.140	.	57.140	57.140	.	57.140	.	.	.	.
COEPHOT	1	58.610	.	58.610	58.610	.	58.610	.	.	.	.
COTBHOT	1	50.870	.	50.870	50.870	.	50.870	.	.	.	.
COTBSTAB	1	55.490	.	55.490	55.490	.	55.490	.	.	.	.
NOEPCOLD	1	3.490	.	3.490	3.490	.	3.490	.	.	.	.
NOEPSTAR	1	3.380	.	3.380	3.380	.	3.380	.	.	.	.
NOEPHOT	1	4.470	.	4.470	4.470	.	4.470	.	.	.	.
NOTBHOT	1	4.700	.	4.700	4.700	.	4.700	.	.	.	.
NOTBSTAB	1	4.150	.	4.150	4.150	.	4.150	.	.	.	.
FCEPCOLD	1	19.860	.	19.860	19.860	.	19.860	.	.	.	.
FCEPSTAR	1	17.090	.	17.090	17.090	.	17.090	.	.	.	.
FCEPHOT	1	15.840	.	15.840	15.840	.	15.840	.	.	.	.
FCTBHOT	1	15.600	.	15.600	15.600	.	15.600	.	.	.	.
FCTBSTAB	1	16.620	.	16.620	16.620	.	16.620	.	.	.	.

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL R=68

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR>ITI
INERTIA	3	400.000	50.000	350.000	450.000	28.868	1200.000	2500.000	12.500	13.85	0.0052
MODEL R	3	68.000	0.000	68.000	68.000	0.000	204.000	0.000	0.000	.	.
CID	3	277.667	91.221	225.000	383.000	52.667	833.000	8321.333	32.853	5.27	0.0341
MILEAGE	3	120.000	47.508	69.000	163.000	27.429	360.000	2257.000	39.590	4.37	0.0485
HCEPWEIG	3	22.857	31.502	2.860	59.170	18.188	68.570	992.379	137.824	1.26	0.3357
COEPWEIG	3	91.310	70.286	12.440	147.320	40.580	273.930	4940.088	76.975	2.25	0.1533
COZEPWEI	3	436.433	190.215	296.900	653.100	109.821	1309.300	36181.773	43.584	3.97	0.0579
VOEPWEIG	3	2.703	2.840	0.380	5.870	1.640	8.110	8.068	105.074	1.65	0.2410
FCEPWEIG	3	17.190	0.928	16.160	17.960	0.536	51.570	0.461	5.397	32.09	0.0010
COIDLE	3	5.663	4.993	0.200	9.990	2.893	16.990	24.930	88.164	1.96	0.1884
COFASTID	3	2.933	2.230	0.400	4.600	1.289	8.800	4.973	76.026	2.28	0.1504
HCEPCOLD	3	20.070	24.734	3.490	48.500	14.280	60.210	611.742	123.241	1.41	0.2951
HCEPSTAR	3	29.180	43.072	2.710	78.880	24.868	87.540	1855.192	147.608	1.17	0.3615
HCEPHOT	3	12.833	14.473	2.710	29.410	8.356	38.500	209.457	112.774	1.54	0.2644
HCTDHOT	3	12.523	11.591	2.660	25.290	6.692	37.570	134.351	92.555	1.87	0.2022
HCTDSTAR	3	21.333	29.680	2.880	55.570	17.136	64.000	880.894	139.124	1.24	0.3392
COEPCOLD	3	104.737	81.006	29.960	190.790	46.769	314.210	6561.945	77.342	2.24	0.1545
COEPSTAR	3	89.427	72.313	6.020	134.550	41.750	268.280	5229.200	80.863	2.14	0.1655
COEPHOT	3	84.823	65.936	11.480	139.190	38.068	254.470	4347.546	77.733	2.23	0.1557
COTDHOT	3	138.610	139.637	14.290	289.690	80.619	415.830	19498.363	100.741	1.72	0.2277
COTDSTAR	3	193.083	230.779	7.590	451.520	133.240	579.250	53259.009	119.523	1.45	0.2843
VOEPCOLD	3	2.987	3.684	0.320	7.190	2.127	8.960	13.570	123.341	1.40	0.2954
VOEPSTAR	3	2.347	2.334	0.140	4.790	1.348	7.040	5.448	99.461	1.74	0.2237
VOEPHOT	3	3.170	3.283	0.870	6.930	1.896	9.510	10.780	103.572	1.67	0.2364
NOTDHOT	3	3.080	3.638	0.090	7.130	2.100	9.240	13.233	118.108	1.47	0.2802
NOTDSTAR	3	2.320	2.399	0.210	4.930	1.385	6.960	5.757	103.422	1.67	0.2360
FCEPCOLD	3	17.610	2.010	15.610	19.630	1.161	52.830	4.040	11.414	15.17	0.0043
FCEPSTAR	3	18.033	1.713	16.150	19.500	0.989	54.100	2.936	9.501	18.23	0.0030
FCEPHOT	3	15.390	0.406	15.080	15.850	0.235	46.170	0.165	2.640	65.60	0.0002
FCTDHOT	3	17.617	4.530	14.140	22.740	2.616	52.850	20.524	25.716	6.74	0.0213
FCTDSTAR	3	21.263	8.506	15.110	30.970	4.911	63.790	72.355	40.004	4.33	0.0494

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL YR=67

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR>ITI
INERTIA	1	350.000	.	350.000	350.000	.	350.000	.	.	.	.
MODEL YR	1	67.000	.	67.000	67.000	.	67.000	.	.	.	.
CID	1	225.000	.	225.000	225.000	.	225.000	.	.	.	.
MILEAGE	1	100.000	.	100.000	100.000	.	100.000	.	.	.	.
HCEPWEIG	1	4.050	.	4.050	4.050	.	4.050	.	.	.	.
COEPWEIG	1	95.040	.	95.040	95.040	.	95.040	.	.	.	.
CO2EPWEI	1	459.300	.	459.300	459.300	.	459.300	.	.	.	.
NOEPWEIG	1	5.930	.	5.930	5.930	.	5.930	.	.	.	.
FCEPWEIG	1	16.330	.	16.330	16.330	.	16.330	.	.	.	.
COIDLE	1	6.400	.	6.400	6.400	.	6.400	.	.	.	.
COFASTID	1	4.800	.	4.800	4.800	.	4.800	.	.	.	.
HCEPCOLD	1	4.500	.	4.500	4.500	.	4.500	.	.	.	.
HCEPSTAB	1	4.190	.	4.190	4.190	.	4.190	.	.	.	.
HCEPHOT	1	3.480	.	3.480	3.480	.	3.480	.	.	.	.
HCTBHOT	1	3.580	.	3.580	3.580	.	3.580	.	.	.	.
HCTBSTAB	1	4.400	.	4.400	4.400	.	4.400	.	.	.	.
COEPCOLD	1	85.000	.	85.000	85.000	.	85.000	.	.	.	.
COEPSTAB	1	105.580	.	105.580	105.580	.	105.580	.	.	.	.
COEPHOT	1	82.270	.	82.270	82.270	.	82.270	.	.	.	.
COTBHOT	1	95.900	.	95.900	95.900	.	95.900	.	.	.	.
COTBSTAB	1	130.230	.	130.230	130.230	.	130.230	.	.	.	.
NOEPCOLD	1	7.780	.	7.780	7.780	.	7.780	.	.	.	.
NOEPSTAB	1	4.760	.	4.760	4.760	.	4.760	.	.	.	.
NOEPHOT	1	6.810	.	6.810	6.810	.	6.810	.	.	.	.
NOTBHOT	1	4.130	.	4.130	4.130	.	4.130	.	.	.	.
NOTBSTAB	1	3.070	.	3.070	3.070	.	3.070	.	.	.	.
FCEPCOLD	1	15.660	.	15.660	15.660	.	15.660	.	.	.	.
FCEPSTAB	1	17.340	.	17.340	17.340	.	17.340	.	.	.	.
FCEPHOT	1	15.090	.	15.090	15.090	.	15.090	.	.	.	.
FCTBHOT	1	15.810	.	15.810	15.810	.	15.810	.	.	.	.
FCTBSTAB	1	19.020	.	19.020	19.020	.	19.020	.	.	.	.

## SIMPLE STATISTICS

11:52 MONDAY, AUGUST 20, 1984

MODEL R=66

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	1	450.000	.	450.000	450.000	.	450.000	.	.	.	.
MODEL R	1	66.000	.	66.000	66.000	.	66.000	.	.	.	.
CID	1	318.000	.	318.000	318.000	.	318.000	.	.	.	.
MILEAGE	1	179.000	.	179.000	179.000	.	179.000	.	.	.	.
HCEPWEIG	1	7.590	.	7.590	7.590	.	7.590	.	.	.	.
COEPWEIG	1	144.760	.	144.760	144.760	.	144.760	.	.	.	.
COZEPWEI	1	598.000	.	598.000	598.000	.	598.000	.	.	.	.
NOEPWEIG	1	4.010	.	4.010	4.010	.	4.010	.	.	.	.
FCEPWEIG	1	22.400	.	22.400	22.400	.	22.400	.	.	.	.
COIDLE	1	5.400	.	5.400	5.400	.	5.400	.	.	.	.
COFASTID	1	1.200	.	1.200	1.200	.	1.200	.	.	.	.
HCEPCOLD	1	10.380	.	10.380	10.380	.	10.380	.	.	.	.
HCEPSTAR	1	7.670	.	7.670	7.670	.	7.670	.	.	.	.
HCEPHOT	1	5.330	.	5.330	5.330	.	5.330	.	.	.	.
HCTBHOT	1	5.160	.	5.160	5.160	.	5.160	.	.	.	.
HCTBSTAB	1	6.660	.	6.660	6.660	.	6.660	.	.	.	.
COEPCOLD	1	241.510	.	241.510	241.510	.	241.510	.	.	.	.
COEPSTAR	1	137.750	.	137.750	137.750	.	137.750	.	.	.	.
COEPHOT	1	84.860	.	84.860	84.860	.	84.860	.	.	.	.
COTBHOT	1	83.850	.	83.850	83.850	.	83.850	.	.	.	.
COTBSTAB	1	108.990	.	108.990	108.990	.	108.990	.	.	.	.
NOEPCOLD	1	1.940	.	1.940	1.940	.	1.940	.	.	.	.
NOEPSTAR	1	4.130	.	4.130	4.130	.	4.130	.	.	.	.
NOEPHOT	1	5.340	.	5.340	5.340	.	5.340	.	.	.	.
NOTBHOT	1	4.650	.	4.650	4.650	.	4.650	.	.	.	.
NOTBSTAB	1	3.710	.	3.710	3.710	.	3.710	.	.	.	.
FCEPCOLD	1	24.940	.	24.940	24.940	.	24.940	.	.	.	.
FCEPSTAR	1	23.420	.	23.420	23.420	.	23.420	.	.	.	.
FCEPHOT	1	18.690	.	18.690	18.690	.	18.690	.	.	.	.
FCTBHOT	1	17.380	.	17.380	17.380	.	17.380	.	.	.	.
FCTBSTAB	1	18.560	.	18.560	18.560	.	18.560	.	.	.	.

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
SIMPLE STATISTICS  
MODEL R=62

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11:52 MONDAY, AUGUST 20, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR>ITI
INERTIA	1	300.000	.	300.000	300.000	.	300.000	.	.	.	.
MODEL R	1	62.000	.	62.000	62.000	.	62.000	.	.	.	.
CID	1	170.000	.	170.000	170.000	.	170.000	.	.	.	.
MILEAGE	1	131.000	.	131.000	131.000	.	131.000	.	.	.	.
HCEPWETG	1	4.610	.	4.610	4.610	.	4.610	.	.	.	.
COEPWETG	1	44.260	.	44.260	44.260	.	44.260	.	.	.	.
COZEPWEI	1	336.100	.	336.100	336.100	.	336.100	.	.	.	.
NOEPWETG	1	2.750	.	2.750	2.750	.	2.750	.	.	.	.
FCEPWETG	1	11.040	.	11.040	11.040	.	11.040	.	.	.	.
COIDLE	1	4.800	.	4.800	4.800	.	4.800	.	.	.	.
COFASTID	1	5.800	.	5.800	5.800	.	5.800	.	.	.	.
HCEPCOLD	1	4.400	.	4.400	4.400	.	4.400	.	.	.	.
HCEPSTAB	1	4.740	.	4.740	4.740	.	4.740	.	.	.	.
HCEPHOT	1	4.130	.	4.130	4.130	.	4.130	.	.	.	.
HCTBHOT	1	4.040	.	4.040	4.040	.	4.040	.	.	.	.
HCTBSTAR	1	5.050	.	5.050	5.050	.	5.050	.	.	.	.
COEPCOLD	1	42.700	.	42.700	42.700	.	42.700	.	.	.	.
COEPSTAR	1	47.170	.	47.170	47.170	.	47.170	.	.	.	.
COEPHOT	1	39.810	.	39.810	39.810	.	39.810	.	.	.	.
COTBHOT	1	37.970	.	37.970	37.970	.	37.970	.	.	.	.
COTBSTAR	1	48.850	.	48.850	48.850	.	48.850	.	.	.	.
NOEPCOLD	1	3.280	.	3.280	3.280	.	3.280	.	.	.	.
NOEPSTAR	1	2.520	.	2.520	2.520	.	2.520	.	.	.	.
NOEPHOT	1	2.810	.	2.810	2.810	.	2.810	.	.	.	.
NOTBHOT	1	2.900	.	2.900	2.900	.	2.900	.	.	.	.
NOTBSTAR	1	2.280	.	2.280	2.280	.	2.280	.	.	.	.
FCEPCOLD	1	10.880	.	10.880	10.880	.	10.880	.	.	.	.
FCEPSTAR	1	11.550	.	11.550	11.550	.	11.550	.	.	.	.
FCEPHOT	1	10.260	.	10.260	10.260	.	10.260	.	.	.	.
FCTBHOT	1	10.290	.	10.290	10.290	.	10.290	.	.	.	.
FCTBSTAR	1	11.510	.	11.510	11.510	.	11.510	.	.	.	.

W I D E R O N T A R I O S A M P L E - 2 4 5 C A R S  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL, MANUF, CID, MILEAGE

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O	T	I	S	C	M	E	C	C	C	N	F	C	O	O									
B	E	N	P	A	D	T	R	O	O	O	C	O	O	O									
S	S	R	F	R	R	L	S	J	E	G	G	G	G	G									
	C	A	I	M	B	I	C	T	W	W	W	W	S	A									
	A	R	A	U	D	R	E	P	E	E	E	E	T	T									
	R	R	A	D	D	S	J	E	G	G	G	G	I	I									
1	0346	R	250	U	30	FORD-ESCORT	84	A3	1.6	98	L4	2	3	CAT+AIR	2.25	26.82	314.2	1.78	9.51	0.40	1.40	3	0
2	0343	R	275	C	30	FORD-TEMPO	84	A3	2.3	140	L4	1	9	CAT+AIR	1.27	18.18	379.1	1.21	10.79	0.05	0.05	0	0
3	0349	R	450	U	30	LINC-TOWNCA	84	A3	5.0	302	V8	0	5	CAT+AIR	0.58	1.78	594.6	1.44	15.70	0.05	0.05	0	0
4	0358	R	275	C	40	PONT-SUNBIR	84	A3	2.0	121	L4	2	0	CAT	0.24	4.31	413.4	2.30	11.02	0.05	0.05	0	0
5	0351	R	275	C	40	CHEV-CAVALI	84	A3	2.0	121	L4	2	6	CAT	0.42	5.17	389.0	1.57	10.43	0.05	0.05	0	0
6	0353	R	238	C	40	PONT-PHOENI	84	A3	2.5	151	L4	0	3	FUEL INJ	2.86	3.26	352.8	2.65	9.60	0.05	0.10	1	0
7	0366	R	400	C	40	CHEV-MONTEC	84	A3	3.8	231	V6	2	7	CAT	0.83	9.18	519.9	2.64	14.07	0.60	0.20	0	0
8	0345	P	400	C	40	OLDS-DELTAB	84	A4	5.0	307	V8	4	7	CAT	1.13	4.36	552.0	3.42	14.71	0.05	0.05	4	0
9	0372	P	225	C	75	VW -RABBIT	84	M5	1.7	105	L4	0	7	FUEL INJ	1.70	17.07	338.7	3.06	9.78	2.60	1.50	0	1
10	0115	R	350	U	10	AM -CONCOR	83	A3	4.2	258	L6	1	6	CAT+AIR	0.65	5.83	500.6	1.43	13.40	0.05	0.05	0	0
11	0339	R	250	C	30	FORD-ESCORT	83	A3	1.6	98	L4	2	11	CAT+AIR	1.95	18.00	351.7	2.47	10.10	0.40	1.50	0	0
12	0316	R	300	L	30	FORD-FAIRMO	83	A3	2.3	140	L4	1	15	CAT	1.35	12.24	442.0	1.67	12.19	0.05	0.05	0	0
13	0304	P	300	C	30	FORD-MUSTAN	83	A3	3.8	232	V6	2	1	CAT+AIR	0.72	8.32	476.6	2.91	12.88	0.05	0.05	0	0
14	0330	P	350	U	30	FORD-THIRD	83	A3	3.8	232	V6	2	5	CAT+AIR	2.00	25.82	504.2	2.55	14.41	0.05	0.05	2	0
15	0328	R	350	U	30	FORD-LTD	83	A3	3.8	232	V6	2	11	CAT+AIR	1.05	15.90	536.3	1.21	14.76	0.05	0.05	0	0
16	0272	R	250	C	40	CHEV-CHEVET	83	A3	1.6	98	L4	2	16	CAT	0.65	9.00	309.8	4.93	8.54	0.05	0.05	4	0
17	0307	R	300	C	40	OLDS-FIRENZ	83	A3	2.0	122	L4	2	3	CAT	0.37	7.12	486.8	3.48	13.04	0.05	0.10	4	0
18	0348	R	325	C	40	CHEV-CELEBR	83	A3	2.8	173	V6	2	24	CAT	0.71	4.94	436.5	3.89	11.69	0.05	0.05	4	0
19	0292	R	300	C	40	BUIC-CENTUR	83	A3	2.8	173	V6	2	25	CAT	1.86	22.06	398.0	3.67	11.46	3.40	0.05	4	2
20	0260	R	350	C	40	OLDS-CUTLAS	83	A3	3.8	231	V6	2	4	CAT	1.04	13.01	430.3	2.15	11.88	0.05	0.05	0	0
21	0325	R	350	C	40	PONT-GRPRIX	83	A3	3.8	231	V6	2	15	CAT	0.94	11.33	500.6	1.78	13.65	0.05	0.05	0	0
22	0347	R	350	C	40	PONT-LEMANS	83	A3	3.8	231	V6	2	22	CAT	0.80	6.42	429.0	1.91	11.56	0.10	0.10	0	0
23	0326	R	450	C	40	CHEV-CAPRIC	83	A3	5.0	305	V8	4	3	CAT	0.56	4.21	606.3	1.88	16.06	0.05	0.05	0	0
24	0244	P	400	C	40	BUIC-LESABR	83	A3	5.0	307	V8	4	1	CAT+AIR	0.57	3.73	601.4	2.91	15.93	0.05	0.05	0	0
25	0259	R	400	C	40	BUIC-LESABR	83	A4	5.0	307	V8	4	6	CAT	0.58	7.58	607.6	2.59	16.27	0.05	0.05	0	0
26	0302	R	450	C	40	OLDS-DELTAB	83	A4	5.0	307	V8	4	19	CAT	0.96	8.28	578.6	3.85	15.53	0.05	0.05	4	0
27	0248	R	225		55	NISS-SENTRA	83	A3	1.5	91	L4	2	9	AIR	.	16.29	267.1	3.99	7.74	1.20	0.60	4	0
28	0249	R	225	C	72	TOYO-TERCEL	83	A3	1.5	89	L4	2	6	AIR	.	7.32	305.7	2.18	8.31	0.20	0.10	0	0
29	0327	P	225	C	75	VW -RABBIT	83	M4	1.7	105	L4	0	5	FUEL INJ	1.30	4.92	335.1	3.16	9.13	0.20	0.20	4	0
30	0197	R	250	L	20	DODG-OMNI	82	A3	2.2	135	L4	2	10	AIR	1.60	16.03	336.0	2.27	9.65	0.10	0.30	0	0
31	0261	R	250	T	20	DODG-OMNI	82	A3	2.2	135	L4	2	17	AIR	2.36	32.20	322.6	2.21	10.03	0.60	0.50	3	0
32	0203	R	350	L	20	DODG-DIPLUM	82	A3	3.7	225	L6	1	11	CAT+AIR	1.33	16.15	479.4	1.23	13.32	0.05	0.05	0	0
33	0196	R	250	L	30	FORD-ESCORT	82	A3	1.6	98	L4	2	7	CAT	2.11	31.14	305.3	2.59	9.43	2.60	2.40	3	6
34	0195	R	300	L	30	FORD-MUSTAN	82	A3	2.3	140	L4	2	5	CAT	0.36	10.70	415.1	1.38	11.31	0.05	0.05	0	0
35	0340	P	300	C	30	FORD-MUSTAN	82	A3	2.3	140	L4	2	30	CAT	1.25	14.14	446.9	1.66	12.38	1.00	0.05	0	0
36	0179	R	350	T	30	FORD-GRANAD	82	A3	3.3	200	L6	1	6	CAT+AIR	2.01	64.38	435.6	0.71	14.21	1.40	2.80	3	4
37	0320	C	350	C	30	FORD-GRANAD	82	A3	3.3	200	L6	1	30	CAT+AIR	0.83	13.02	424.7	1.50	11.73	0.05	0.05	0	0
38	0258	R	250	C	40	CHEV-CHEVET	82	A3	1.6	98	L4	2	12	CAT	1.43	22.13	311.5	1.38	9.18	0.60	0.60	0	0
39	0188	P	275	C	40	PONT-J2000	82	A3	1.8	112	L4	1	4	CAT	0.63	15.01	427.9	2.01	11.86	2.20	0.80	0	0
40	0305	P	300	C	40	BUIC-SKYLAR	82	A3	2.5	151	L4	2	16	MOD	1.31	9.01	428.9	2.96	11.68	0.20	3.60	0	4
41	0252	P	300	C	40	OLDS-CIERA	82	A3	2.8	173	V6	2	14	CAT	1.10	10.35	380.1	2.47	10.45	2.40	0.50	0	2
42	0322	R	300	C	40	BUIC-SKYLAR	82	A3	2.8	173	V6	2	28	CAT	1.54	15.52	397.3	2.71	11.14	0.05	1.00	0	0
43	0256	P	350	C	40	PONT-GLEMAN	82	A3	3.8	231	V6	2	5	CAT	0.58	6.24	429.4	2.58	11.55	0.05	0.05	0	0
44	0200	P	350	C	40	OLDS-CUTLAS	82	A3	3.8	231	V6	2	8	CAT	1.68	24.47	458.7	2.20	13.14	1.40	0.15	0	0
45	0209	P	350	C	40	CHEV-MALIBU	82	A3	4.4	267	V8	2	7	CAT	0.73	8.17	490.7	2.65	13.23	0.05	0.05	0	0
46	0255	P	400	C	40	BUIC-REGAL	82	A3	4.4	267	V8	2	16	CAT	0.66	7.12	516.8	2.94	13.89	0.05	0.05	0	0
47	0359	P	375	C	40	OLDS-CUTLAS	82	A3	4.4	267	V8	2	32	CAT	1.49	33.75	606.8	0.91	17.38	1.00	0.05	2	0
48	0257	R	400	C	40	OLDS-DELTAB	82	A4	5.0	305	V8	4	5	CAT	0.87	1.73	530.8	5.29	14.02	0.05	0.05	4	0

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

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OBS	TEST CAR	OWNER	ENGINE	SPEED	MANUF	CAR MODEL	MODEL YR	TRAIL	ENGINE	CAR	ENGINE	CEP	C	C	N	F	C	C
S	R	R	A	F	F	L	Y	M	D	V	S	I	G	G	I	G	D	A
49	0265	R	400	C	40	OLDS-DELTA8	82	A	5.0	305	V8	4	8	CAT	1.28	5.26	539.2	3.79
50	0217	P	275	U	55	DATS-STANZA	82	A3	2.0	120	L4	2	6	CAT+AIR	0.22	3.71	384.1	1.06
51	0238	P	225	C	62	MAZD-GLC	82	M5	1.5	91	L4	2	5	CAT+AIR	0.54	6.25	307.6	1.14
52	0237	P	225	C	72	TOYO-TERCEL	82	M4	1.5	89	L4	2	9	AIR	2.04	10.37	294.7	2.21
53	0360	P	225	C	75	VW -RABBIT	82	M4	1.7	105	L4	0	17	FUEL INJ	2.04	9.42	301.2	2.64
54	0362	P	200	C	81	HOND-CIVIC	82	A3	1.3	81	L4	2	18	MOD	1.76	25.28	252.9	1.63
55	0184	P	275	T	20	PLYM-RELIAN	81	A3	2.2	135	L4	2	8	AIR	1.90	38.97	319.0	3.00
56	0115	P	275	T	20	PLYM-RELIAN	81	A3	2.6	156	L4	2	4	MOD	1.22	33.79	355.2	4.39
57	0182	P	275	T	20	PLYM-RELIAN	81	A3	2.6	156	L4	2	18	CAT	2.06	31.87	334.0	2.29
58	0239	P	350	T	20	CHRY-CORDOB	81	A3	3.7	225	L6	2	20	CAT+AIR	1.40	18.38	491.6	2.21
59	0221	P	225	U	30	MERC-LYNX	81	M4	1.6	98	L4	2	12	CAT+AIR	0.53	3.61	383.1	0.63
60	0204	P	350	L	30	MERC-ZEPHYR	81	A3	3.3	200	L6	1	7	CAT+AIR	1.61	29.91	431.5	1.45
61	0208	P	300	T	30	MERC-CAPRI	81	M4	3.3	200	L6	1	14	CAT+AIR	0.31	1.62	481.6	1.38
62	0202	R	450	L	30	LINC-TOWNCA	81	A3	5.0	302	V8	2	21	CAT+AIR	0.40	19.25	573.1	2.32
63	0150	P	250	C	40	CHEV-CHEVET	81	A3	1.6	99	L4	2	7	CAT	0.41	7.65	362.7	3.53
64	0229	P	275	C	40	CHEV-CITATI	81	A3	2.5	151	L4	2	14	CAT	1.72	39.73	409.5	1.70
65	0130	P	275	C	40	OLDS-OMEGA	81	A3	2.8	173	V6	2	10	CAT+AIR	0.63	13.28	520.1	1.55
66	0136	R	350	C	40	OLDS-BROUGH	81	A3	3.8	231	V6	2	1	CAT	0.40	8.89	475.4	0.92
67	0158	R	350	C	40	OLDS-CUTLAS	81	A3	3.8	231	V6	2	9	CAT	1.12	9.88	424.9	3.29
68	0194	P	400	C	40	BUIC-REGAL	81	A3	4.4	267	V8	2	11	CAT	2.32	38.87	542.2	2.85
69	0199	P	400	C	40	CHEV-MALIBU	81	A3	4.4	267	V8	2	13	CAT	0.64	2.66	497.3	3.07
70	0174	P	400	T	40	BUIC-REGAL	81	A3	4.4	267	V8	2	22	CAT	1.09	13.75	528.5	3.47
71	0116	P	450	C	40	CHEV-IMPALA	81	A3	5.0	305	V8	4	5	CAT	0.83	9.05	585.2	3.47
72	0296	P	400	C	40	OLDS-CUTLAS	81	A3	5.0	305	V8	2	22	CAT	0.63	6.73	521.1	3.31
73	0364	P	363	C	40	CHEV-MONTEC	81	A3	5.0	305	V8	4	36	CAT	2.75	25.97	465.4	2.83
74	0218	P	400	C	40	CHEV-IMPALA	81	A3	5.0	305	V8	4	39	CAT	0.62	4.26	539.1	4.90
75	0128	P	400	C	40	OLDS-ROYALB	81	A3	5.0	307	V8	4	4	CAT	1.06	2.50	490.1	4.70
76	0151	P	250	C	55	DATS-310GX	81	M5	1.5	91	L4	2	11	AIR	2.10	25.71	285.1	2.38
77	0210	P	225	U	62	MAZD-GLC	81	M4	1.5	91	L4	2	21	CAT+AIR	0.40	2.11	337.4	0.67
78	0121	P	200	T	72	TOYO-TERCEL	81	A3	1.5	89	L4	2	6	MOD	1.00	16.61	278.1	2.23
79	0211	P	200	T	81	HOND-CIVIC	81	A3	1.3	81	L4	2	6	MOD	1.31	12.39	304.4	1.75
80	0355	P	313	U	10	AM -CONCOR	80	A3	2.5	151	L4	2	41	CAT+AIR	0.77	4.38	445.7	2.64
81	0236	P	350	U	10	AM -CONCOR	80	A3	4.2	259	L6	2	24	CAT+AIR	1.00	16.37	542.6	1.33
82	0081	P	225	U	20	PLYM-HORIZO	80	A3	1.7	105	L4	2	4	AIR	1.77	28.17	321.4	2.78
83	0092	R	350	U	20	DODG-ASPEN	80	A3	3.7	225	L6	1	11	CAT+AIR	1.00	12.63	423.9	2.67
84	0183	P	350	T	20	PLYM-VOLARE	80	A3	3.7	225	L6	1	11	CAT+AIR	3.07	43.62	423.8	2.03
85	0365	P	450	L	20	DODG-ASPEN	80	A3	3.7	225	L6	1	74	CAT+AIR	4.09	67.96	458.1	3.13
86	0036	B	425	U	20	PLYM-GRFURY	80	A3	5.2	319	V8	2	1	CAT+AIR	2.02	50.01	568.7	2.31
87	0039	V	450	U	20	DODG-SPORTS	80	A3	5.2	319	V8	2	4	MOD	3.96	83.35	624.1	3.14
88	0311	P	275	U	30	FORD-PINTO	80	A3	2.3	140	L4	2	26	CAT	1.64	32.50	418.0	1.45
89	0133	P	350	U	30	FORD-FAIRMO	80	A3	3.3	200	L6	1	12	CAT+AIR	1.71	21.81	385.9	1.53
90	0103	P	350	U	30	FORD-THIRD	80	A3	4.2	255	V8	2	10	CAT+AIR	0.71	5.48	516.3	1.09
91	0352	P	425	C	30	FORD-LTD	80	A3	5.0	302	V8	2	72	CAT+AIR	25.61	247.54	452.0	0.49
92	0111	P	250	U	40	CHEV-CHEVET	80	A3	1.6	99	L4	2	5	CAT+AIR	0.29	9.11	383.8	1.11
93	0101	P	275	U	40	CHEV-CITATI	80	A3	2.5	151	L4	2	11	CAT+AIR	0.24	3.18	410.7	2.11
94	0214	P	300	U	40	PONT-PHOENI	80	A3	2.5	151	L4	2	31	CAT+AIR	0.39	5.24	524.6	1.59
95	0175	P	300	C	40	BUIC-SKYLAR	80	A3	2.8	173	V6	2	28	CAT+AIR	0.64	6.19	448.5	1.95
96	0160	P	350	C	40	PONT-LEMANS	80	A3	3.8	231	V6	2	9	CAT	0.53	7.98	462.6	3.02

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

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OBS	TEST CAR	OWNER	INERTIAL	SPICE	MANUF	CAR MODEL	MOD	TR	LI	ENG	CAR	MM	MM	CEP	CO	CO	NO	FC	CO	ON
S	R	R	A	F	F	L	Y	M	S	D	V	E	M	I	G	I	G	E	I	O
97	0091	R	350		40	BUIC-REGAL	80	A3	3.8	231	V6	2	16	CAT+AIR	0.69	4.58	441.6	2.56	11.81	0.05
98	0090	R	350		40	OLDS-CUTLAS	80	A3	3.8	231	V6	2	17	CAT+AIR	0.56	4.24	459.6	1.53	12.27	0.05
99	0185	P	400	U	40	BUIC-CENTUR	W 80	A3	4.3	265	V8	2	37	CAT+AIR	1.04	8.98	531.3	2.46	14.37	0.05
100	0173	P	400	U	40	CHEV-MALIBU	80	A3	4.4	267	V8	2	9	CAT+AIR	0.43	3.14	562.9	1.86	14.91	0.05
101	0170	P	400	C	40	PONT-LAUREN	80	A3	5.0	305	V6	2	22	CAT	0.85	11.65	564.8	4.74	15.32	0.05
102	0363	P	450	C	40	CHEV-CAPRIC	W 80	A3	5.0	305	V8	4	67	CAT	3.03	33.72	555.5	3.45	14.25	2.90
103	0171	P	400	U	40	PONT-GRPRIX	80	A3	5.0	307	V8	2	31	CAT+AIR	0.95	7.65	578.1	2.07	16.06	0.05
104	0178	P	400	U	40	OLDS-DELTAB	80	A3	5.7	350	V8	4	16	CAT+AIR	1.01	10.80	635.7	1.16	17.15	0.05
105	0079	B	400		40	OLDS-98	80	A3	5.7	350	V8	4	20	CAT+AIR	1.00	7.43	575.2	1.81	15.44	0.05
106	0341	P	225	C	55	DATS-310	80	M4	1.4	85	L4	2	35	AIR	1.88	25.41	320.0	2.31	9.65	5.00
107	0215	P	225	T	72	TOYO-TERCEL	80	A3	1.5	89	L4	2	38	MOD	1.52	16.05	293.3	3.76	8.46	1.80
108	0373	P	225	C	75	VW -RABBIT	80	M4	1.6	97	L4	0	58	FUEL INJ	2.15	11.81	314.5	2.79	8.96	2.20
109	0228	P	200	L	81	HOND-CIVIC	80	M4	1.3	81	L4	3	12	MOD	2.32	14.40	277.1	4.23	8.07	2.20
110	0331	P	350	U	10	AM -CONCOR	79	A3	3.8	232	L6	1	68	CAT+AIR	1.34	15.93	490.4	1.33	13.60	0.10
111	0370	P	350	U	10	AM -CONCOR	79	A3	3.8	232	L6	1	81	CAT+AIR	1.38	19.68	561.8	1.22	15.61	0.05
112	0153	P	250	T	20	PLYM-HORIZO	79	A3	1.7	105	L4	2	11	AIR	2.14	39.47	283.1	1.79	9.28	0.40
113	0114	P	250	T	20	PLYM-HORIZO	79	A3	1.7	105	L4	2	14	AIR	1.72	43.14	286.9	2.26	9.51	1.20
114	0117	P	350	T	20	PLYM-VOLARE	79	A3	3.7	225	L6	1	15	CAT+AIR	1.58	29.95	404.7	3.08	11.97	4.40
115	0198	P	400	T	20	PLYM-CARAVE	79	A3	3.7	225	L6	2	26	CAT+AIR	1.05	13.16	478.2	2.08	13.14	0.05
116	0099	P	400		20	CHRY-NEWPOR	79	A3	5.2	319	V8	2	33	CAT+AIR	2.18	15.55	534.7	3.43	14.84	0.10
117	0368	P	450	T	20	CHRY-CORDOB	79	A3	5.9	360	V8	2	69	MOD-DEF	4.74	59.64	554.6	5.24	17.35	2.20
118	0084	P	300		30	FORD-FAIRMO	79	A3	3.3	200	L6	1	29	CAT+AIR	1.74	26.63	458.7	1.04	13.25	2.80
119	0120	P	400		30	FORD-LTD	79	A3	5.0	302	V8	2	11	CAT+AIR	0.59	18.75	539.1	1.90	14.95	0.05
120	0189	P	350	U	30	FORD-MUSTAN	79	M4	5.0	302	V8	2	24	CAT+AIR	1.42	7.05	628.9	2.90	16.86	0.05
121	0205	P	450	U	30	MERC-COUGAR	79	A3	5.8	351	V8	2	40	CAT+AIR	2.90	48.15	583.6	5.64	17.44	0.80
122	0278	D	250	C	40	PONT-ACADIA	79	A3	1.6	98	L4	1	52	CAT	3.02	43.73	318.1	3.89	10.38	6.00
123	0192	P	300	U	40	PONT-SUNBIR	79	A3	3.8	231	V6	2	15	CAT	0.75	8.28	448.8	1.18	12.16	0.05
124	0110	P	350	C	40	PONT-LEMANS	79	A3	3.8	231	V6	2	36	CAT+AIR	0.72	8.31	468.1	3.52	12.67	0.05
125	0234	P	350	C	40	CHEV-MONTEC	79	A3	4.4	267	V8	2	63	CAT	0.84	11.40	436.5	4.39	11.96	0.05
126	0016	B	400		40	CHEV-IMPALA	79	A3	5.0	305	V8	2	8	CAT	0.84	13.80	548.2	2.90	15.00	0.01
127	0032	B	400		40	CHEV-IMPALA	79	A3	5.0	305	V8	2	11	CAT	0.88	13.64	555.5	2.97	15.20	0.05
128	0157	P	350	C	40	PONT-LEMANS	79	A3	5.0	305	V8	4	26	CAT	0.81	10.11	544.7	2.88	14.76	0.10
129	0134	P	400	C	40	CHEV-CAMARO	79	A3	5.0	305	V8	2	29	CAT	1.53	19.13	486.9	4.20	13.67	0.01
130	0166	P	400	C	40	OLDS-CUTLAS	79	A3	5.0	305	V8	2	34	CAT	4.93	81.96	418.4	1.70	14.67	5.20
131	0269	P	400	C	40	CHEV-CAPRIC	79	A3	5.0	305	V8	2	38	CAT	1.58	17.34	542.0	2.87	15.04	0.05
132	0087	P	400		40	CHEV-IMPALA	79	A3	5.0	305	V8	2	41	CAT	1.36	10.25	479.6	3.82	13.10	0.05
133	0356	P	400	C	40	PONT-LAUREN	79	A3	5.0	305	V8	2	54	CAT	1.84	15.87	603.9	3.00	16.60	0.10
134	0163	P	450	C	40	PONT-CATALI	79	A3	5.7	350	V8	4	29	CAT	1.48	11.79	594.4	2.56	16.16	0.10
135	0298	P	450	C	40	PONT-LAUREN	79	A3	5.7	350	V8	4	39	CAT	2.79	30.43	593.2	2.84	17.00	0.10
136	0108	P	450		40	PONT- ST	W 79	A3	5.7	350	V8	4	43	CAT	1.98	26.83	569.6	2.58	16.20	1.50
137	0371	P	450	C	40	PONT-SAFARI	W 79	A3	5.7	350	V8	4	63	CAT	4.89	23.86	641.1	5.05	18.14	1.20
138	0303	P	250	C	55	DATS-B210	79	M5	1.4	85	L4	2	50	AIR	2.94	23.57	330.9	1.98	9.92	2.60
139	0317	P	275	-	55	DATS-SX200	79	A3	2.0	119	L4	2	25	AIR	1.97	21.28	382.4	3.18	11.15	0.60
140	0297	P	225	C	75	VW -RABBIT	79	M4	1.5	89	L4	0	62	FUEL INJ	1.38	9.42	324.4	2.66	9.03	0.80
141	0029	D	250		81	HOND-ACCORD	79	M5	1.6	98	L4	3	19	MOD	1.78	27.00	285.8	1.91	8.80	0.10
142	0097	P	225		81	HOND-ACCORD	79	M5	1.6	98	L4	3	29	MOD	2.93	41.72	257.5	1.78	8.80	0.10
143	0107	P	250	C	84	USSR-LADA	79	M4	1.5	89	L4	2	14	CAT+AIR	2.84	25.62	303.0	2.42	9.24	1.20
144	0212	P	350	C	10	AM -CONCOR	79	A3	3.8	232	L6	1	41	MOD	2.54	41.92	455.4	3.67	13.93	1.40

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

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11:52 MONDAY, AUGUST 20, 1984

OBS	TEST CAR	OWNER	INTERIOR	SPECIFIC	MANUFACT	CAR MODEL	MODEL YEAR	TRANSM	LITRES	ENGINE TYPE	CAR BODY	MILEAGE	EMISS	HEADLIGHTS	CONTR	CONTR	NOISE	FUEL	COLOR	OFF	CAN	ON	
145	0294	P	250	L	20	DODG-OMNI	78	A3	1.7	105	L4	2	54	AIR	3.08	69.83	302.7	1.40	11.12	0.30	0.60	3	0
146	0082	P	350		20	DODG-ASPEN	78	A3	3.7	225	L6	1	33	CAT+AIR	1.44	14.96	407.3	3.21	11.41	0.40	0.20	4	0
147	0222	P	400	L	20	PLYM-VOLARE	78	A3	3.7	225	L6	2	37	CAT+AIR	2.98	45.84	476.3	3.19	14.56	6.60	1.60	7	6
148	0280	D	350	L	20	DODG-ASPEN	78	A3	3.7	225	L6	1	44	CAT	3.76	60.78	418.3	4.73	13.74	3.60	1.60	7	6
149	0369	P	400	T	20	PLYM-VOLARE	78	A3	3.7	225	L6	1	96	CAT+AIR	2.29	27.20	472.0	4.44	13.68	0.20	0.20	7	0
150	0286	D	400		20	PLYM-VOLARE	W 78	A3	3.7	225	L6	2	110	CAT+AIR	3.19	49.80	476.2	2.00	14.76	9.99	2.20	3	7
151	0093	P	400		20	DODG-MONACO	78	A3	5.2	318	V8	2	29	CAT+AIR	4.74	38.71	548.2	1.81	16.35	2.70	2.60	3	7
152	0193	P	400	T	20	CHRY-LEBARO	78	A3	5.2	318	V8	2	37	CAT+AIR	1.98	17.82	500.0	1.68	13.99	0.10	1.00	0	0
153	0270	D	400	T	20	PLYM-VOLARE	78	A3	5.2	318	V8	2	73	CAT-DEF	4.69	49.12	552.8	4.06	16.96	1.20	0.10	7	0
154	0031	B	550		20	CHRY-NEWYOR	78	A3	7.2	440	V8	4	42	MOD+LEAN	3.06	36.90	767.7	3.91	22.05	1.30	0.10	7	0
155	0127	P	300	U	30	FORD-PINTO	W 78	A3	2.3	140	L4	2	42	CAT	2.37	33.10	343.3	1.16	10.53	4.90	0.05	3	2
156	0284	P	275	U	30	FORD-PINTO	78	A3	2.3	140	L4	2	73	CAT	2.53	53.61	367.6	4.58	12.02	0.80	0.20	7	0
157	0131	P	300	U	30	FORD-FAIRM	78	A3	3.3	200	L6	1	35	CAT+AIR	2.44	41.82	417.2	1.01	12.84	3.60	0.05	3	2
158	0288	P	350	U	30	FORD-GRANAD	78	A3	4.1	250	L6	2	88	CAT+AIR	3.55	50.55	372.1	2.38	12.09	6.00	0.40	3	3
159	0125	P	450	U	30	MERC-COUGAR	78	A3	5.0	302	V8	2	32	CAT+AIR	2.04	20.96	666.7	0.63	18.48	0.05	0.10	1	0
160	0277	D	450	U	30	FORD-CUSTOM	78	A3	5.0	302	V8	2	102	CAT-DEF	6.97	109.20	512.6	5.36	18.63	6.80	1.80	7	7
161	0159	P	450	U	30	FORD-THIRD	78	A3	5.8	351	V8	2	29	CAT+AIR	2.63	14.38	588.3	2.25	16.23	0.50	0.50	1	0
162	0078	P	225		40	PONT-ACADIA	78	A3	1.6	98	L4	1	5	CAT	0.95	15.31	348.9	1.76	9.86	0.05	0.05	0	0
163	0164	P	350	T	40	PONT-LEMANS	78	A3	3.3	200	V6	2	45	CAT	3.35	58.25	406.9	3.57	13.31	6.80	1.20	7	7
164	0374	P	350	C	40	BUIC-SKYLAR	78	A3	3.8	231	V6	2	53	CAT-DEF	2.79	43.42	426.2	4.07	13.30	1.80	0.20	7	0
165	0109	P	350	U	40	OLDS-CUTLAS	78	A3	3.8	231	V6	2	76	CAT	2.44	45.98	408.5	3.14	12.79	3.30	0.10	7	2
166	0021	B	400		40	CHEV-IMPALA	78	A3	5.0	305	V8	2	30	CAT	2.21	27.60	633.8	1.87	17.91	1.30	0.01	3	0
167	0022	B	400		40	CHEV-IMPALA	78	A3	5.0	305	V8	2	30	CAT	1.94	20.85	522.7	3.62	14.72	0.01	0.01	4	0
168	0167	P	400	T	40	PONT-PHOENI	78	A3	5.0	305	V8	1	37	CAT	4.39	61.69	453.8	2.84	14.76	4.60	2.40	3	7
169	0206	P	450	L	40	PONT-PARISI	78	A3	5.0	305	V8	2	43	CAT	1.57	16.67	548.5	4.13	15.16	0.05	0.05	4	0
170	0275	D	400	U	40	CHEV-MALIBU	78	A3	5.0	305	V8	2	73	CAT	6.14	77.74	507.2	2.03	17.04	4.20	1.00	3	3
171	0165	P	400	T	40	PONT-PARISI	78	A3	5.7	350	V8	4	41	CAT	3.58	52.10	539.7	3.29	16.54	4.40	2.20	7	6
172	0123	P	500		40	PONT-GSAFAR	W 78	A3	5.7	350	V8	4	45	CAT	2.28	35.82	595.1	5.81	17.24	.	.	7	.
173	0361	P	400	U	40	OLDS-DELTAB	78	A3	5.7	350	V8	4	82	CAT	3.82	52.79	542.0	3.42	16.66	3.90	0.40	7	3
174	0148	P	250	C	55	DATS-B210	78	A3	1.4	85	L4	2	14	AIR	1.34	13.64	312.5	2.41	8.94	0.40	0.20	0	0
175	0273	D	225	C	55	DATS-B210	78	A3	1.4	85	L4	2	31	AIR	1.45	15.07	289.6	2.55	8.39	2.40	1.20	0	0
176	0030	D	275		56	FIAT-MIRAFI	78	M4	1.8	107	L4	2	31	AIR	2.28	35.10	389.9	1.17	11.93	0.60	0.30	3	0
177	0306	P	225		72	TOYO-COROLL	78	M4	1.6	97	L4	2	44	MOD	8.05	140.09	237.7	0.65	12.60	3.40	0.20	3	2
178	0096	P	225		75	VW -RABBIT	78	M5	1.6	97	L4	0	24	FUEL INJ	2.23	8.39	320.3	1.83	8.97	0.80	0.10	1	0
179	0126	P	200	T	81	HOND-CIVIC	78	M4	1.2	76	L4	2	28	MOD	4.86	43.05	242.9	1.89	8.63	3.60	4.00	3	7
180	0002	V	350	C	10	AM -HORNET	77	A3	3.8	232	L6	1	42	MOD	2.43	22.37	449.6	4.84	13.01	0.20	1.00	5	0
181	0169	P	350	T	20	PLYM-VOLARE	77	A3	3.7	225	L6	1	26	MOD+ADJ	2.55	13.23	484.5	6.39	13.41	1.60	0.10	5	0
182	0080	P	350		20	PLYM-VOLARE	77	A3	3.7	225	L6	1	31	MOD	3.46	55.40	389.0	4.66	12.86	3.40	0.40	7	2
183	0172	P	400	T	20	DODG-ASPEN	77	A3	3.7	225	L6	2	34	CAT+AIR	2.13	26.27	467.5	7.20	13.49	2.80	1.10	7	6
184	0285	D	400		20	PLYM-VOLARE	W 77	A3	3.7	225	L6	2	96	CAT-DEF	4.63	62.92	509.7	3.99	16.31	3.80	1.60	7	6
185	0289	P	400		20	DODG-ASPEN	77	A3	5.2	318	V8	2	67	MOD	4.60	92.95	613.9	3.18	20.37	3.80	1.00	7	2
186	0313	P	400	L	20	DODG-ASPEN	W 77	A3	5.2	318	V8	2	114	CAT	7.15	66.99	567.3	5.44	18.21	4.40	0.80	7	3
187	0201	P	450	L	20	PLYM-GRFURY	77	A3	5.9	360	V8	2	45	MOD	2.35	17.14	632.7	1.90	17.57	1.20	0.20	1	0
188	0251	P	500	T	20	PLYM-GRFURY	77	A3	5.9	360	V8	2	58	MOD-DEF	4.10	49.81	573.0	5.59	17.49	2.20	0.40	7	2
189	0141	P	300	U	30	FORD-PINTO	77	M4	2.3	140	L4	2	39	CAT+AIR	2.33	11.88	384.6	3.79	10.74	0.05	0.05	5	0
190	0129	P	350	U	30	MERC-	77	A3	4.1	250	L6	1	35	CAT+AIR	1.45	6.84	481.0	1.59	13.00	0.10	0.40	0	0
191	0076	P	400		30	FORD-LTD2	77	A3	5.0	302	V8	2	33	CAT+AIR	2.80	25.80	589.9	0.87	16.74	0.10	0.05	3	0
192	0357	P	450	U	30	FORD-LTD	77	A3	5.0	302	V8	2	62	CAT+AIR	2.57	11.35	628.5	3.94	17.12	0.05	0.05	5	0

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W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

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11:52 MONDAY, AUGUST 20, 1984

O	B	S	T	E	S	O	I	N	S	P	M	C	A	R	M	O	T	L	E	A	M	M	H	C	C	N	F	C	O	O
289	0112	P	450	U	40	CHEV-IMPALA	69	A3	5.4	327	V8	2	52	MOD	5.75	74.38	520.6	3.70	17.33	2.55	1.45	2	0							
290	0300	P	400	U	20	PLYM-FJRY	68	A3	3.7	225	L6	1	128	MOD-SOOT	59.17	114.17	246.9	0.38	17.45	6.80	3.90	3	6							
291	0299	P	350	U	20	DODG-DART	68	A3	3.7	225	L6	1	163	MOD	6.54	147.32	359.3	1.86	16.16	9.99	4.60	3	6							
292	0323	P	450	U	20	CHRY-NEWPOR	68	A3	6.3	383	V8	2	69	MOD-ADJU	2.86	12.44	653.1	5.87	17.96	0.20	0.40	4	1							
293	0301	P	350	-	20	DODG-DART	67	A3	3.7	225	L6	1	100	PCV	4.05	95.04	459.3	5.93	16.33	6.40	4.80	6	6							
294	0290	P	450	U	20	DODG-POLARA	66	A3	5.2	318	V8	2	179	PCV	7.59	144.76	598.0	4.01	27.40	5.40	1.20	2	2							
295	0295	P	300	-	30	MERC-COMET	62	A3	2.8	170	L6	1	131	NONE	4.61	44.26	336.1	2.75	11.04	4.80	5.80	0	4							

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1975-1984 MODEL YEAR : 248 CARS \*SIMPLE STATISTICS

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14:41 TUESDAY, AUGUST 21, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	248	353.484	83.140	200.000	550.000	5.279	87664.000	6912.235	23.520	66.96	0.0001
MODEL YR	248	79.198	2.483	75.000	84.000	0.158	19641.000	6.167	3.136	502.22	0.0001
CID	248	231.621	95.329	76.000	455.000	6.053	57442.000	9087.524	41.157	38.26	0.0001
MILEAGE	248	36.778	29.285	0.000	138.000	1.860	9121.000	857.623	79.626	19.78	0.0001
HCEPWEIG	246	2.223	2.066	0.220	25.610	0.132	546.970	4.270	92.940	16.88	0.0001
COEPWEIG	248	29.443	29.026	1.620	247.540	1.843	7301.940	842.533	98.584	15.97	0.0001
COZEPWEI	248	472.938	121.198	233.300	953.300	7.696	117288.600	14688.883	25.627	61.45	0.0001
NOEPWEIG	248	2.721	1.279	0.490	7.200	0.081	674.850	1.636	47.010	33.50	0.0001
FCEPWEIG	248	13.786	3.483	7.740	26.580	0.221	3418.960	12.134	25.267	62.33	0.0001
COIDLE	246	1.601	2.130	0.010	9.990	0.136	393.810	4.538	133.073	11.79	0.0001
COFASTID	246	0.583	0.907	0.010	5.100	0.058	143.480	0.823	155.496	10.09	0.0001
HCEPCOLD	246	3.333	2.386	0.490	22.710	0.152	819.800	5.694	71.601	21.91	0.0001
HCEPSTAB	246	1.978	2.294	0.050	28.460	0.146	486.500	5.264	116.018	13.52	0.0001
HCEPHOT	246	1.854	1.779	0.120	22.270	0.113	456.100	3.165	95.961	16.34	0.0001
HCTBHOT	244	1.840	1.682	0.130	16.140	0.108	449.070	2.830	91.403	17.09	0.0001
HCTBSTAB	244	1.910	2.123	0.070	22.790	0.136	465.930	4.509	111.204	14.05	0.0001
COEPCOLD	248	43.786	31.386	3.040	218.280	1.993	10858.880	985.097	71.681	21.97	0.0001
COEPSTAB	248	27.310	34.751	0.120	274.940	2.207	6772.830	1207.660	127.249	12.38	0.0001
COEPHOT	248	22.558	23.221	0.340	218.720	1.475	5594.330	539.225	102.941	15.30	0.0001
COTBHOT	246	22.637	23.214	0.320	195.180	1.480	5568.820	538.892	102.547	15.29	0.0001
COTBSTAB	246	27.120	33.977	0.080	238.350	2.166	6671.640	1154.431	125.281	12.52	0.0001
NOEPCOLD	248	3.164	1.399	0.680	7.980	0.089	784.780	1.956	44.197	35.63	0.0001
NOEPSTAB	248	2.311	1.248	0.310	6.950	0.079	573.130	1.557	53.993	29.17	0.0001
NOEPHOT	248	3.190	1.597	0.460	8.500	0.101	791.220	2.550	50.052	31.46	0.0001
NOTBHOT	246	3.217	1.638	0.460	9.770	0.104	791.500	2.682	50.900	30.81	0.0001
NOTBSTAB	246	2.291	1.258	0.240	6.790	0.080	563.540	1.582	54.899	28.57	0.0001
FCEPCOLD	248	14.588	3.646	7.640	27.390	0.232	3617.790	13.295	24.995	63.00	0.0001
FCEPSTAB	248	14.151	3.720	7.850	27.890	0.236	3509.360	13.837	26.287	59.91	0.0001
FCEPHOT	248	12.567	3.091	6.790	23.670	0.196	3116.570	9.553	24.595	64.03	0.0001
FCTBHOT	246	12.487	3.132	6.660	24.410	0.200	3071.840	9.807	25.079	62.54	0.0001
FCTBSTAB	246	13.807	3.687	1.370	25.630	0.235	3396.470	13.597	26.707	58.73	0.0001

WIDER ONTARIO SAMPLE - 295 CARS  
1962-1974 MODEL YEAR : 47 CARS ,SIMPLE STATISTICS

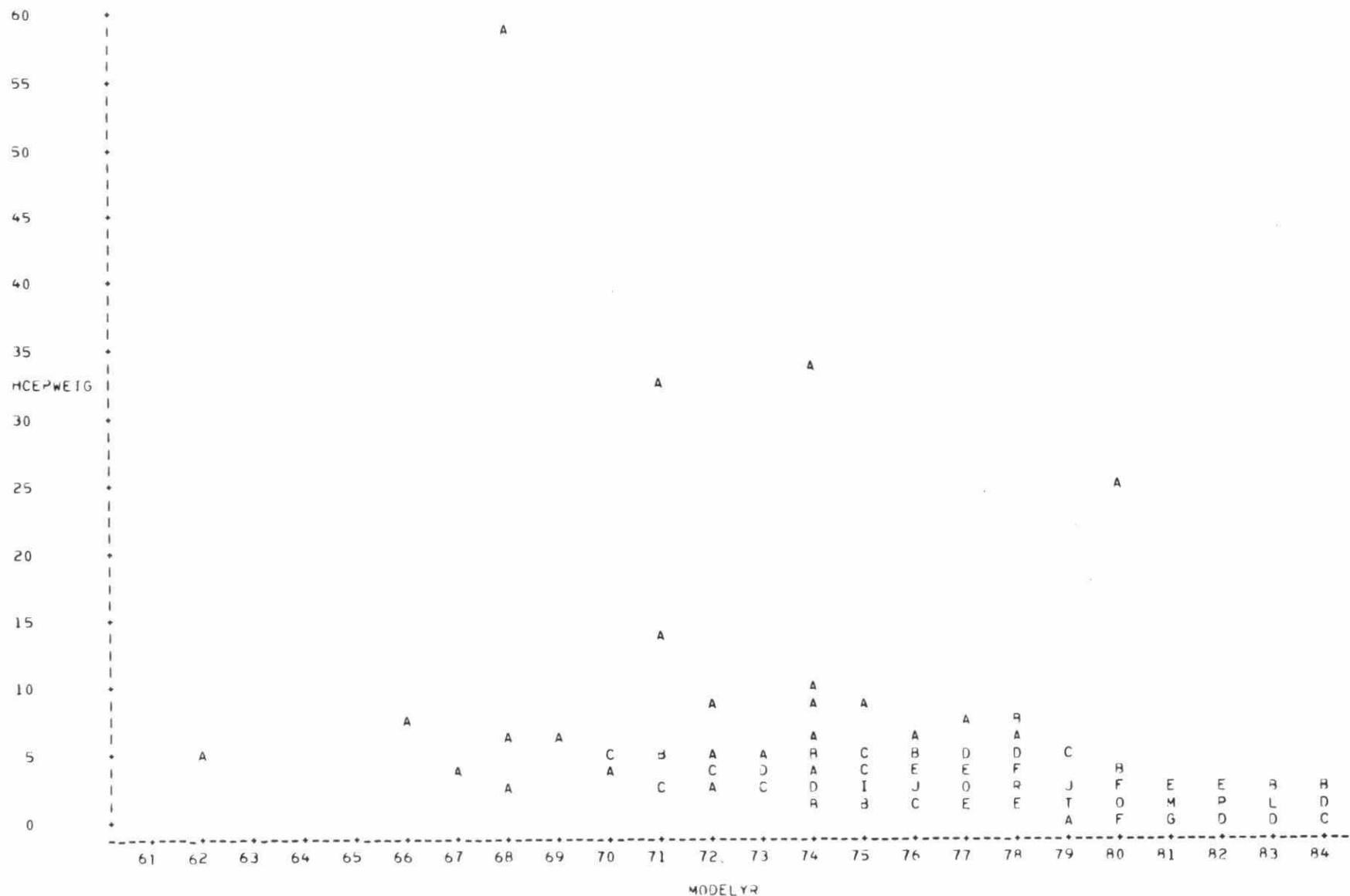
25  
14:33 TUESDAY, AUGUST 21, 1984

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	47	379.255	79.966	225.000	550.000	11.664	17825.000	6394.542	21.085	32.51	0.0001
MODELYR	47	71.660	2.539	62.000	74.000	0.370	3368.000	6.447	3.543	193.49	0.0001
CID	47	274.830	93.947	97.000	400.000	13.704	12917.000	8826.101	34.184	20.06	0.0001
MILEAGE	47	96.532	40.547	18.000	192.000	5.914	4537.000	1644.037	42.003	16.32	0.0001
HCEPWEIG	45	6.963	10.226	1.390	59.170	1.524	313.330	104.568	146.862	4.57	0.0001
COEPWEIG	47	61.320	37.192	8.790	170.800	5.425	2882.050	1383.242	60.652	11.30	0.0001
CO2EPWEI	47	500.464	126.434	276.000	805.700	18.442	23521.800	15985.638	25.263	27.14	0.0001
NOEPWEIG	47	3.565	1.356	0.380	5.950	0.198	167.560	1.839	38.034	18.03	0.0001
FCEPWEIG	47	16.273	3.641	8.790	22.400	0.531	764.810	13.256	22.374	30.64	0.0001
COIDLE	47	3.337	2.349	0.200	9.990	0.343	156.840	5.518	70.392	9.74	0.0001
COFASTID	47	1.700	1.708	0.050	7.000	0.249	79.900	2.916	100.454	6.82	0.0001
HCEPCOLD	45	8.105	9.367	1.900	48.500	1.396	364.740	87.736	115.563	5.80	0.0001
HCEPSTAB	45	7.313	12.841	0.900	78.880	1.914	329.080	164.904	175.601	3.82	0.0004
HCEPHOT	45	5.418	6.758	1.320	29.910	1.007	243.810	45.672	124.734	5.38	0.0001
HCTDHOT	44	5.284	6.512	1.490	30.470	0.982	232.510	42.410	123.237	5.38	0.0001
HCTBSTAB	44	6.654	10.372	0.910	55.570	1.564	292.790	107.584	155.873	4.26	0.0001
COEPCOLD	47	77.738	51.753	16.310	241.510	7.549	3653.680	2678.389	66.574	10.30	0.0001
COEPSTAB	47	63.665	43.105	6.020	218.820	6.288	2992.250	1858.062	67.706	10.13	0.0001
COEPHOT	47	44.454	28.780	6.950	139.190	4.198	2089.320	828.272	64.741	10.59	0.0001
COTDHOT	45	48.200	45.490	5.710	289.690	6.781	2169.000	2069.358	94.378	7.11	0.0001
COTBSTAB	45	69.136	71.281	5.670	451.520	10.626	3111.100	5080.938	103.103	6.51	0.0001
NOEPCOLD	47	4.087	1.728	0.320	7.780	0.252	192.100	2.985	42.270	16.22	0.0001
NOEPSTAB	47	2.872	1.186	0.140	4.930	0.173	134.990	1.407	41.293	16.60	0.0001
NOEPHOT	47	4.492	1.743	0.870	7.370	0.254	211.140	3.040	38.810	17.66	0.0001
NOTDHOT	45	4.622	1.836	0.090	7.550	0.274	207.970	3.370	39.721	16.89	0.0001
NOTBSTAB	45	3.072	1.418	0.210	7.840	0.211	138.220	2.010	46.154	14.53	0.0001
FCEPCOLD	47	17.253	4.119	9.200	24.940	0.601	810.900	16.965	23.873	28.72	0.0001
FCEPSTAB	47	16.849	3.934	8.990	23.420	0.574	791.880	15.480	23.352	29.36	0.0001
FCEPHOT	47	14.523	2.987	8.090	20.410	0.436	682.580	8.925	20.571	33.33	0.0001
FCTDHOT	45	14.899	3.034	8.380	22.740	0.452	670.440	9.205	20.364	32.94	0.0001
FCTBSTAB	45	17.148	4.173	8.930	30.970	0.622	771.640	17.417	24.338	27.56	0.0001

# W I D E R   O N T A R I O   S A M P L E   -   2 9 5   C A R S

11:52 MONDAY, AUGUST 20, 1984<sup>1</sup>

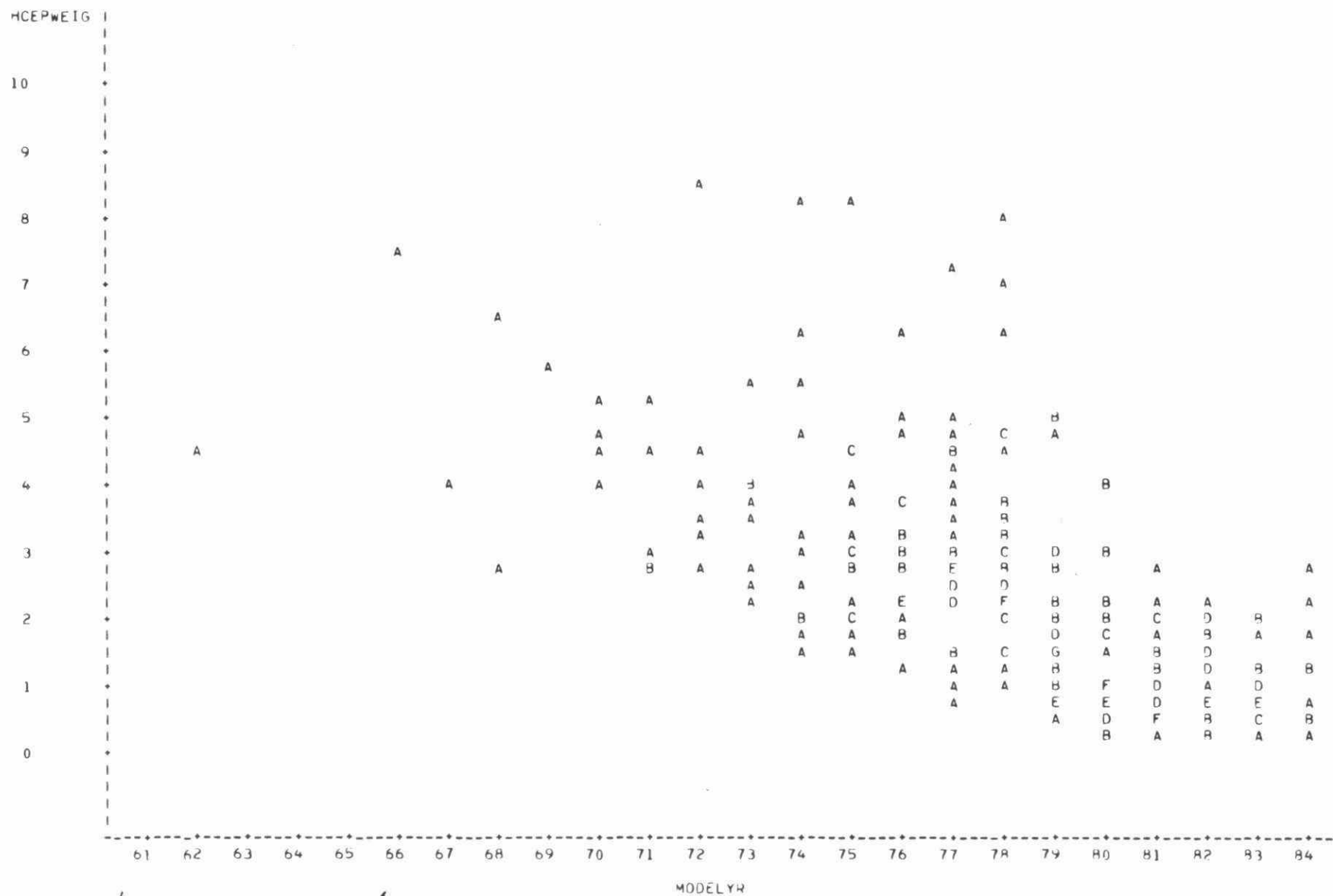
PLOT OF HCEPWEIG\*MODELYR      LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 4 OBS HAD MISSING VALUES

FIG. 9.1 - 1A

PLOT OF HCEPWEIG\*MODELYR LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: <sup>4</sup> 10 OBS HAD MISSING VALUES, <sup>6</sup> ~~OR~~ WERE OUT OF RANGE

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S

11:52 MONDAY, AUGUST 20, 1984<sup>3</sup>

PLOT OF COEPWEIG\*MODELYR      LEGEND: A = 1 OBS, B = 2 OBS, ETC.

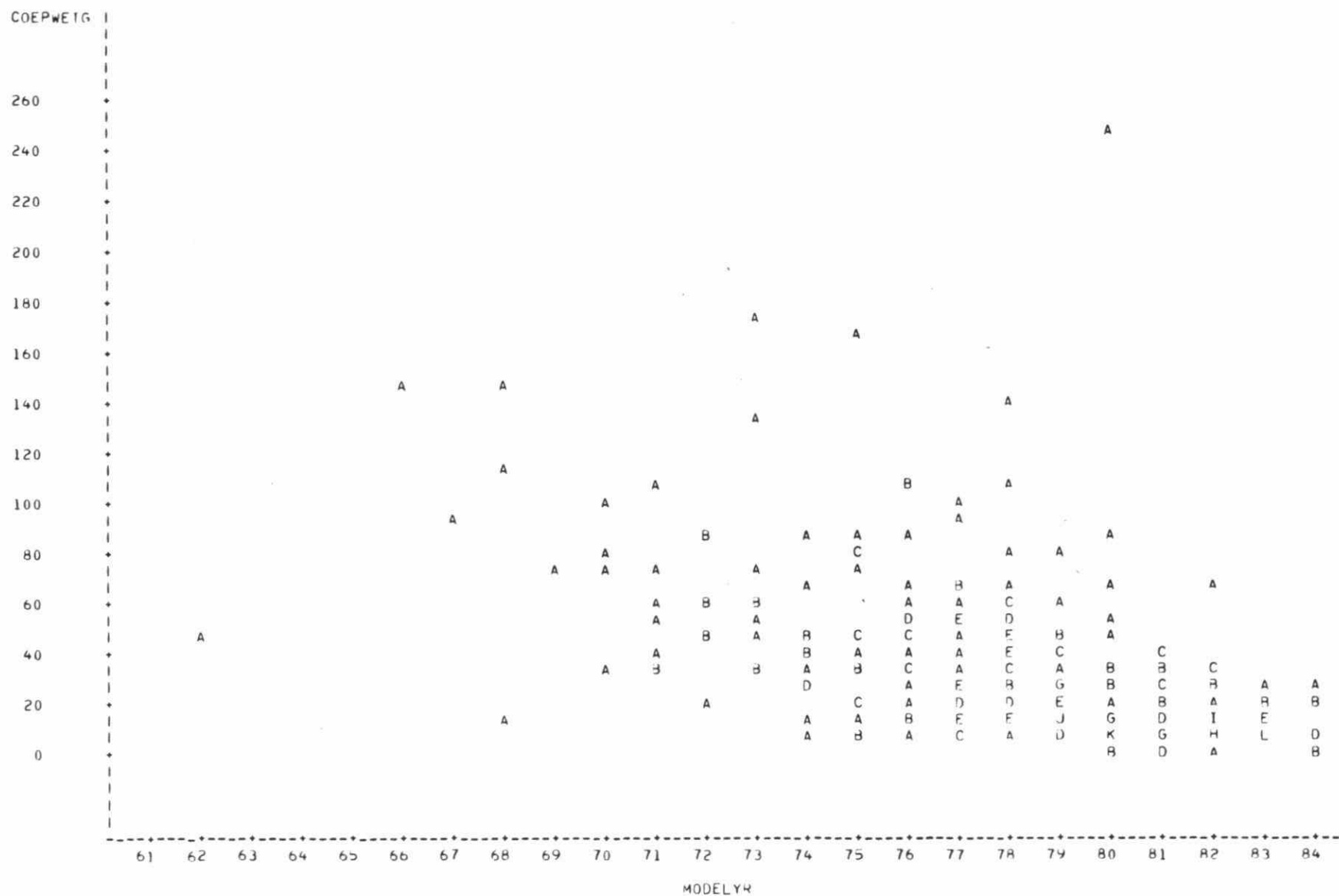
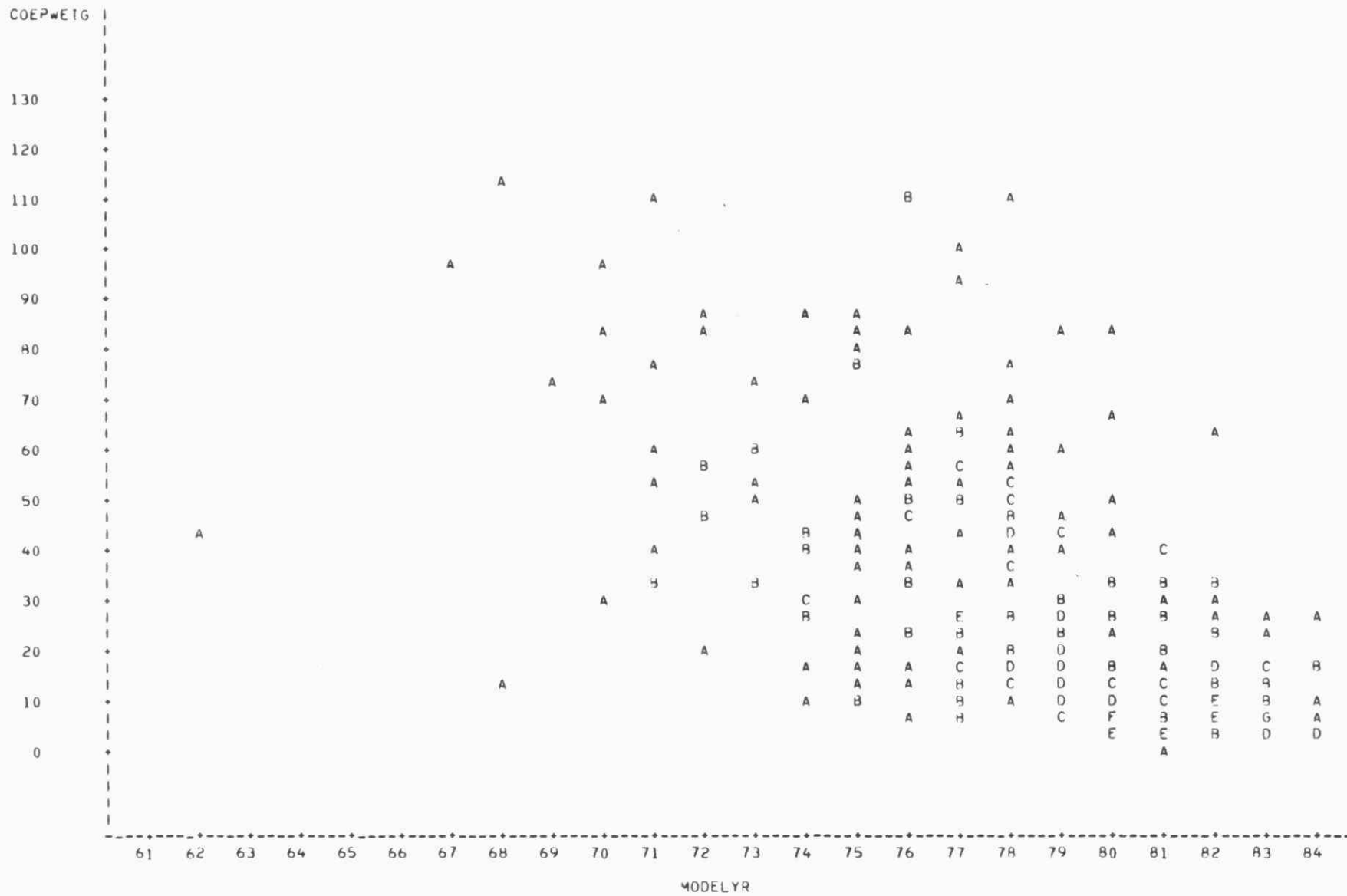


FIG. 9.1 - 2A

PLOT OF COEPWEIG\*MODELYR LEGEND: A = 1 ORS, B = 2 ORS, ETC.



W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S

11:52 MONDAY, AUGUST 20, 1984<sup>5</sup>

PLOT OF NOEPWEIG\*MODELYR LEGEND: A = 1 OBS. B = 2 OBS. ETC.

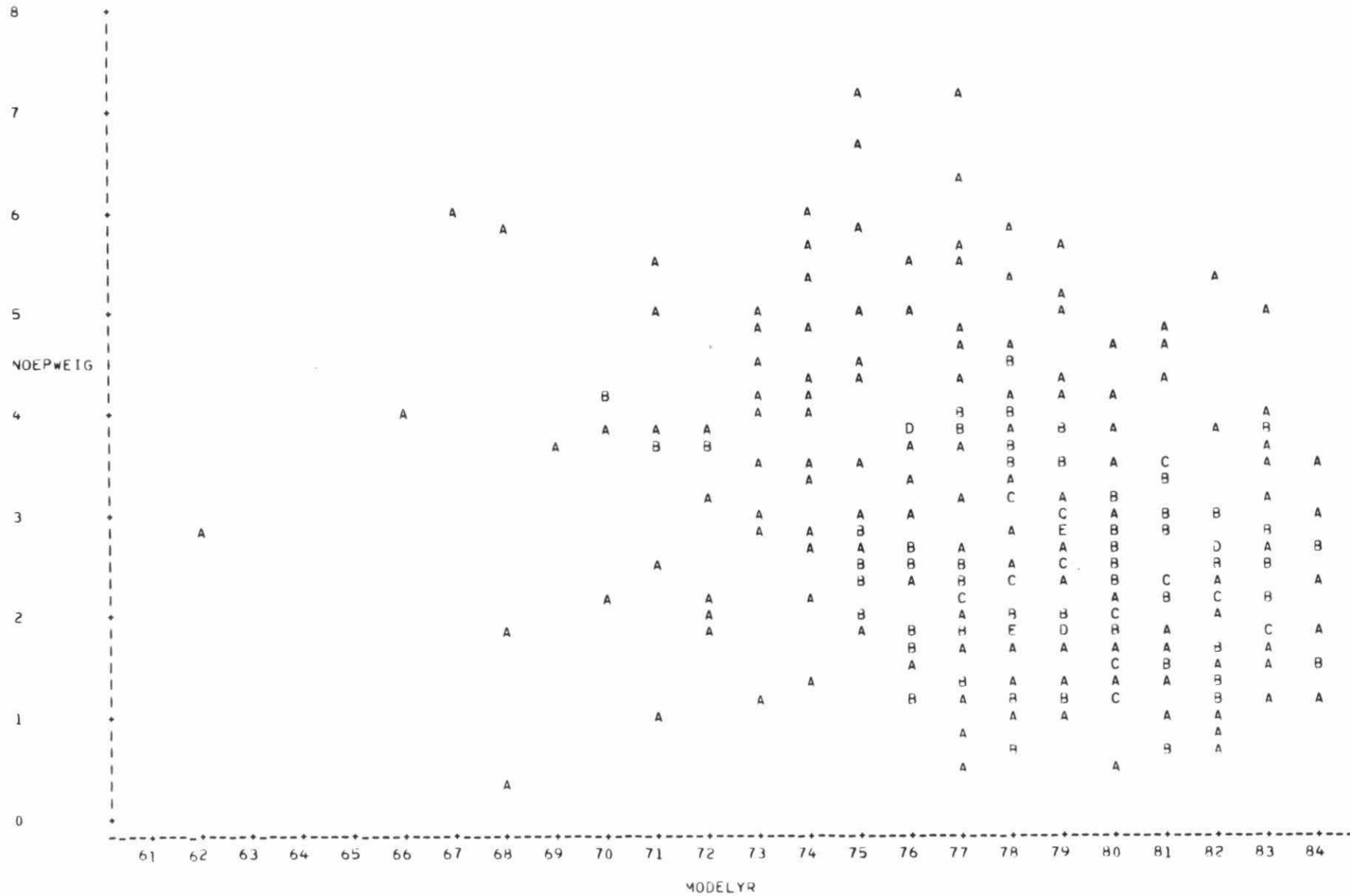


FIG. 9.1 - 3

PLOT OF FCEPWEIG\*MODELYR      LEGEND: A = 1 OBS, B = 2 OBS, ETC.

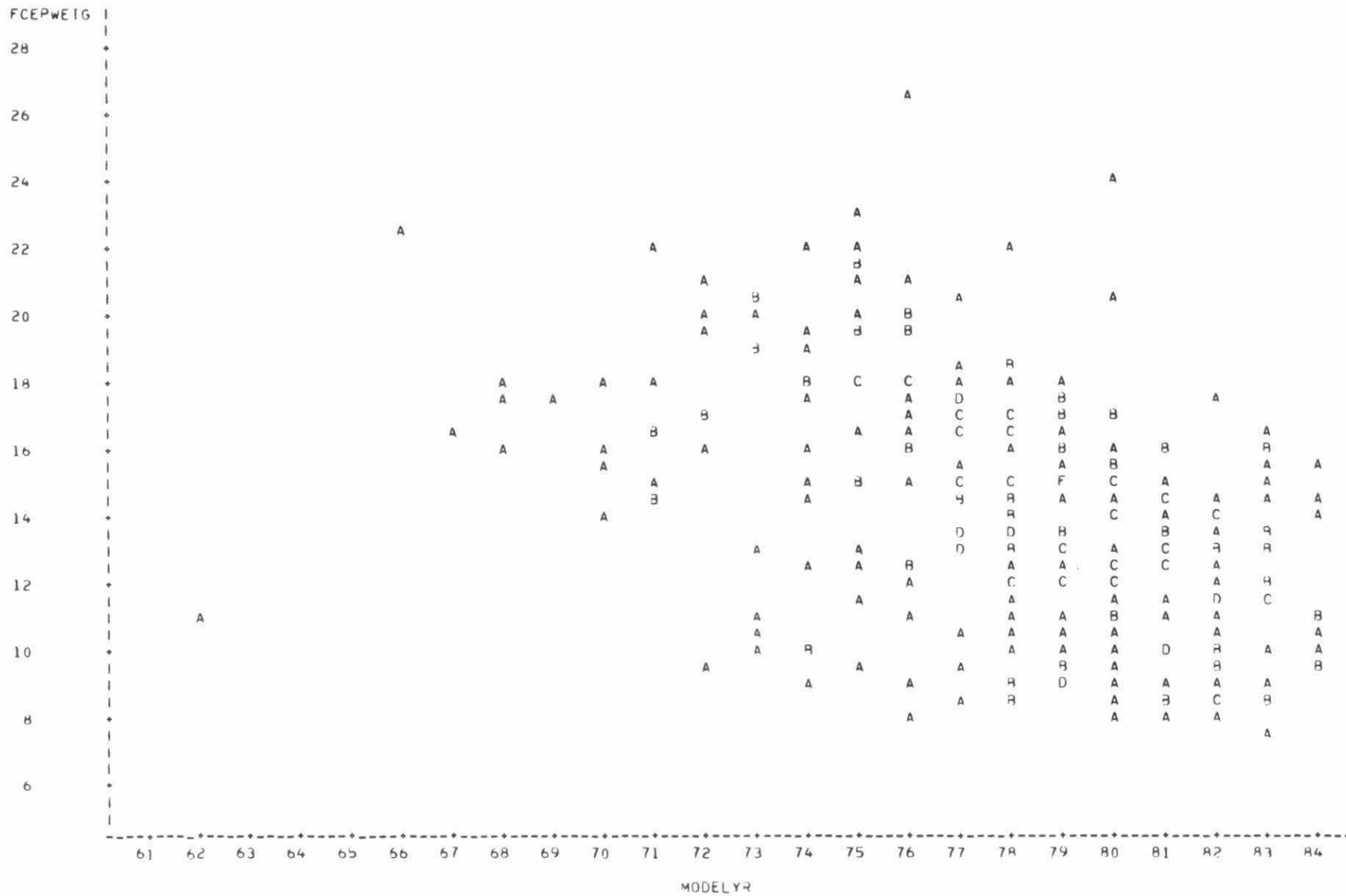
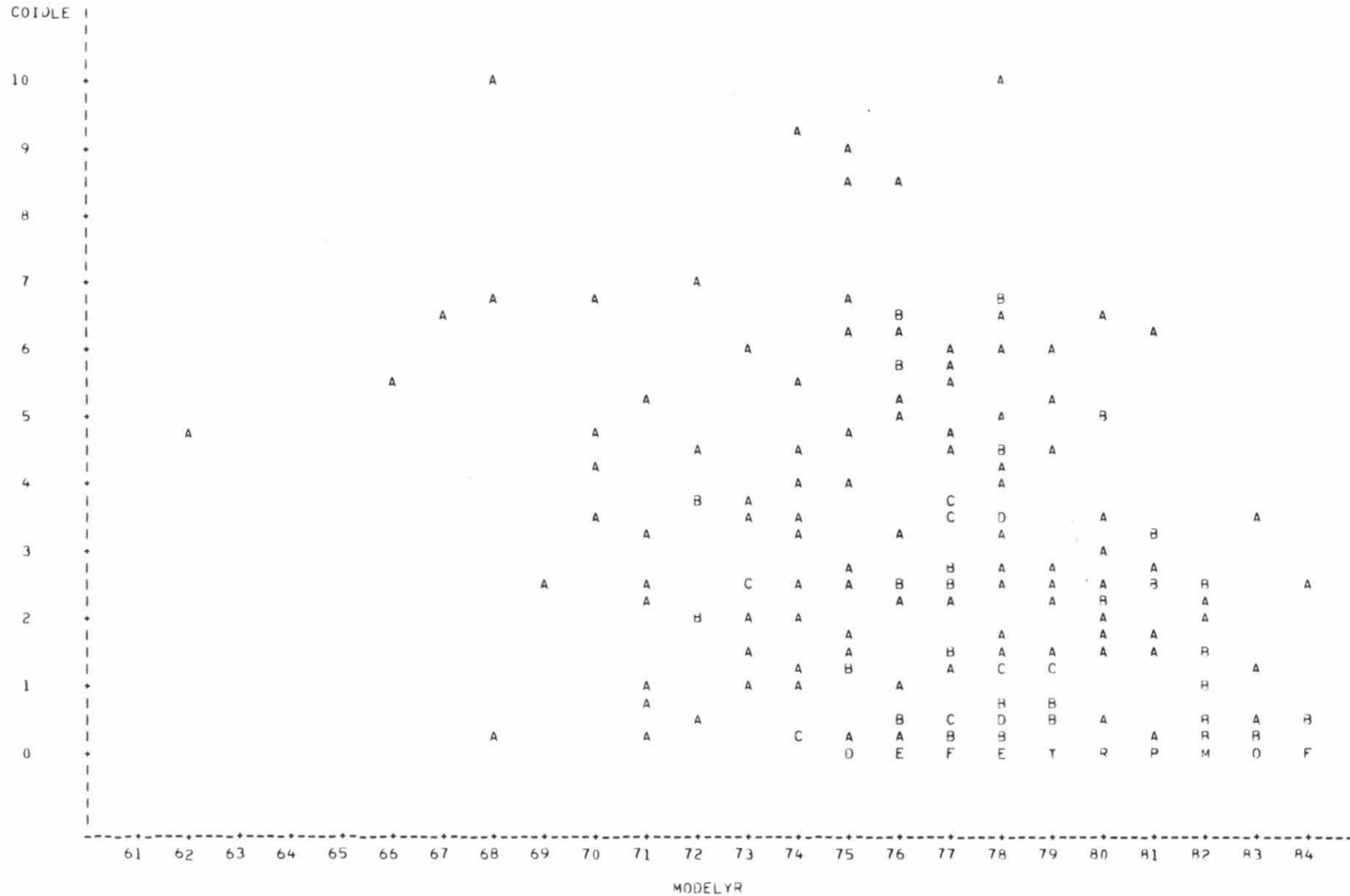


FIG. 9.1 - 4

# W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S

11:52 MONDAY, AUGUST 20, 1984<sup>7</sup>

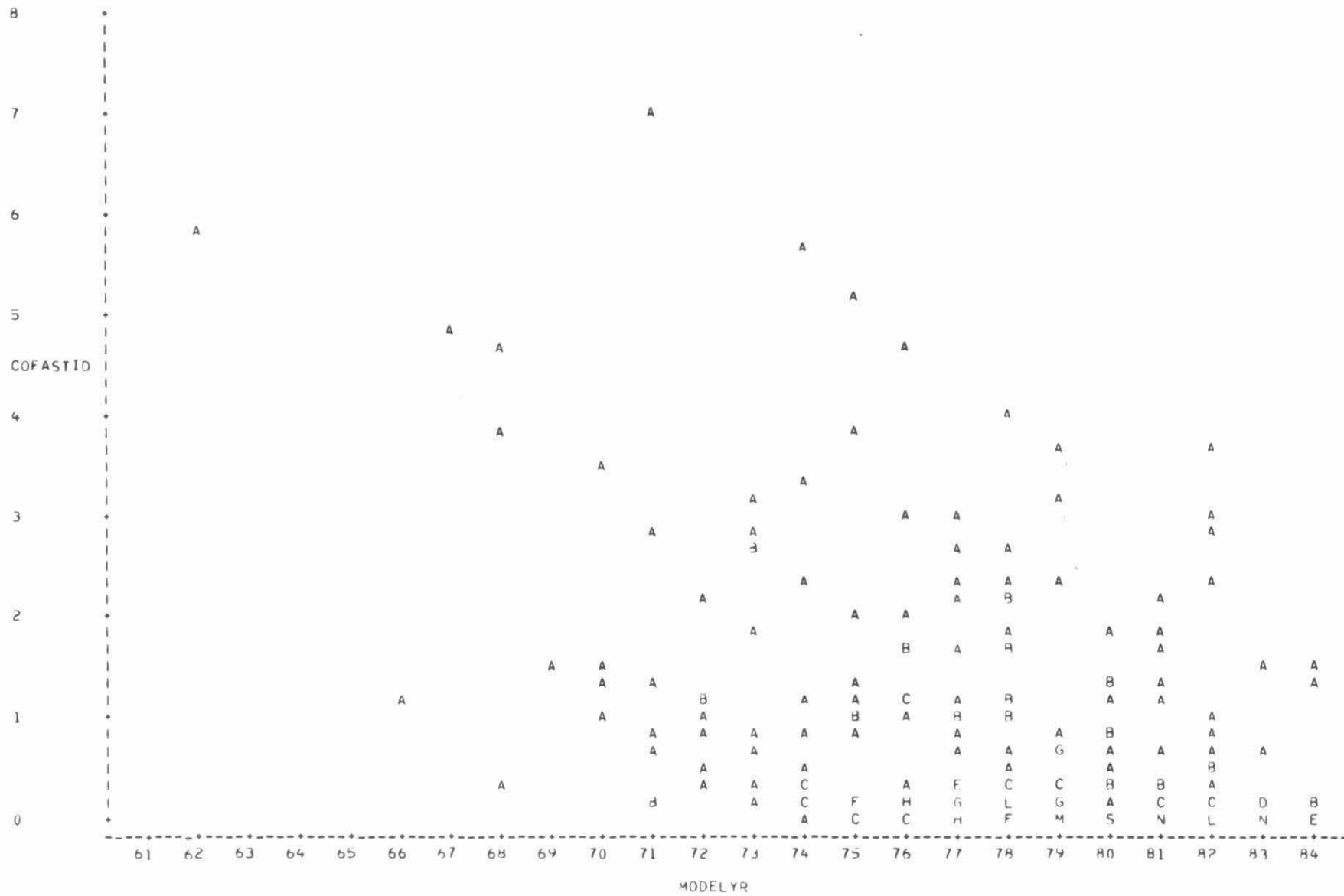
PLOT OF COIDLE\*MODELYR LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 2 OBS HAD MISSING VALUES

FIG. 9.1 - 5

PLOT OF COFASTID\*MODELYR      LEGEND: A = 1 OBS., B = 2 OBS., ETC.



NOTE: 2 OBS HAD MISSING VALUES.

10  
11:52 MONDAY, AUGUST 20, 1984

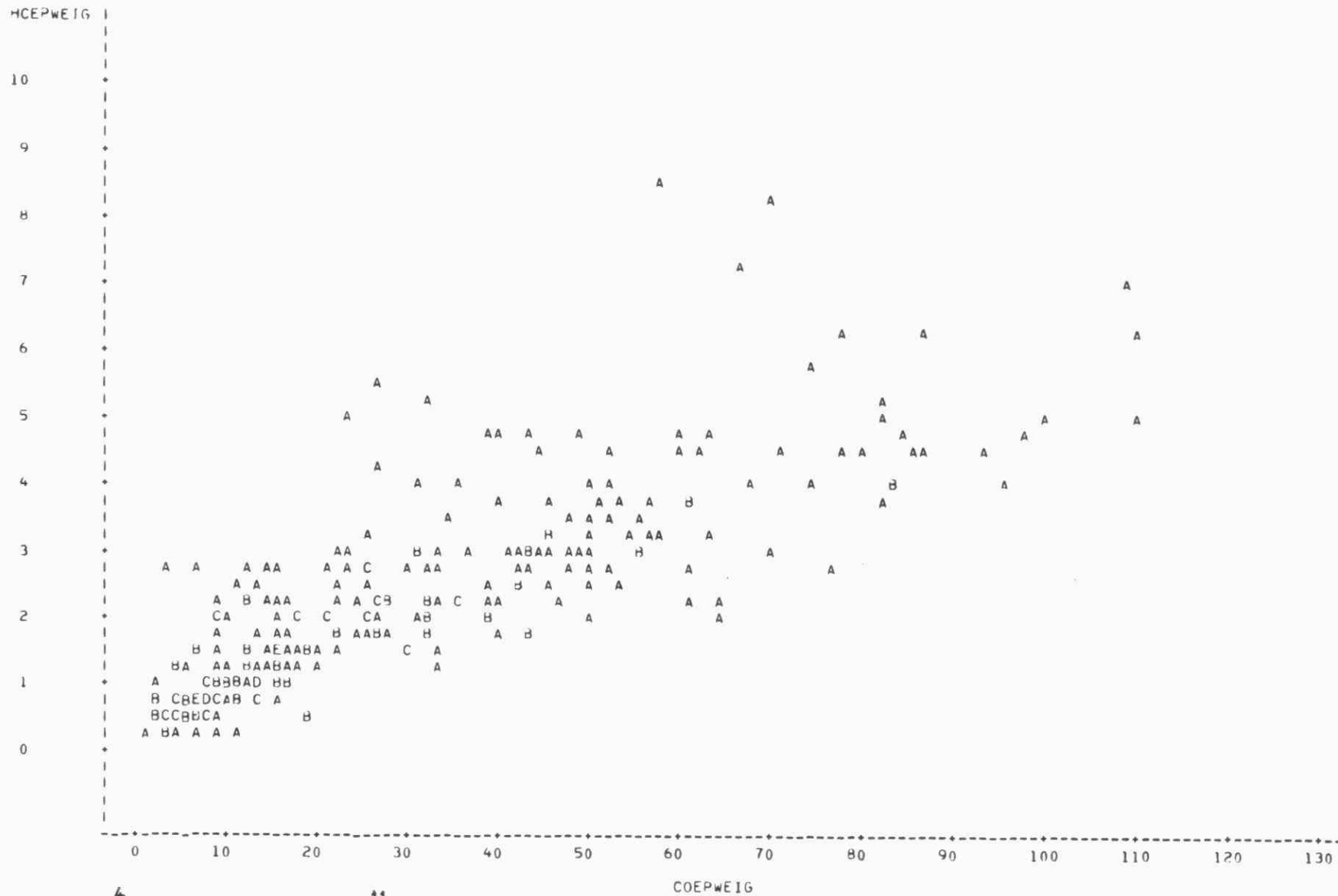
A scatter plot showing the relationship between COEPWEIG (X-axis, 0 to 260) and HCEPWEIG (Y-axis, 0 to 60). The plot includes a dense grid of points, with specific points labeled with letters A, B, and C. The labels are as follows:

- Letter A:** Located at approximately (45, 34), (70, 33), (110, 14), (110, 59), (140, 8), (145, 7), (165, 9), and (245, 25).
- Letter B:** Located at approximately (60, 5), (65, 5), (70, 5), (75, 5), (80, 5), (85, 5), (90, 5), and (95, 5).
- Letter C:** Located at approximately (40, 5) and (45, 5).

The plot also features a vertical dashed line at COEPWEIG = 0 and a horizontal dashed line at HCEPWEIG = 0.

FIG. 9.1 - 7A

PLOT OF HCEPWEIG\*COEPWEIG LEGEND: A = 1 OBS., B = 2 OBS., ETC.

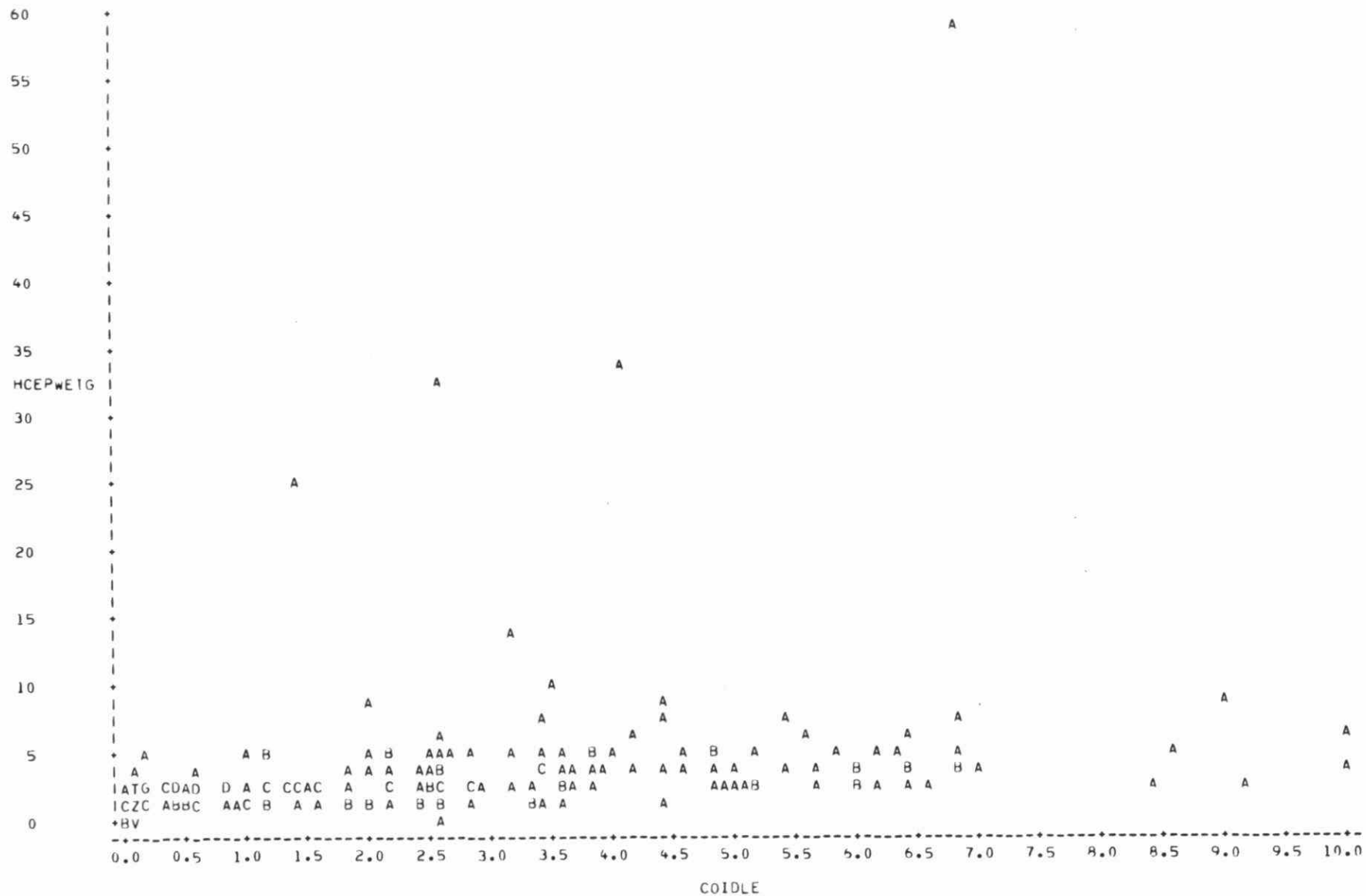


NOTE: 4 OBS HAD MISSING VALUES, 11 WERE OUT OF RANGE

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S

11:52 MONDAY, AUGUST 20, 1984<sup>12</sup>

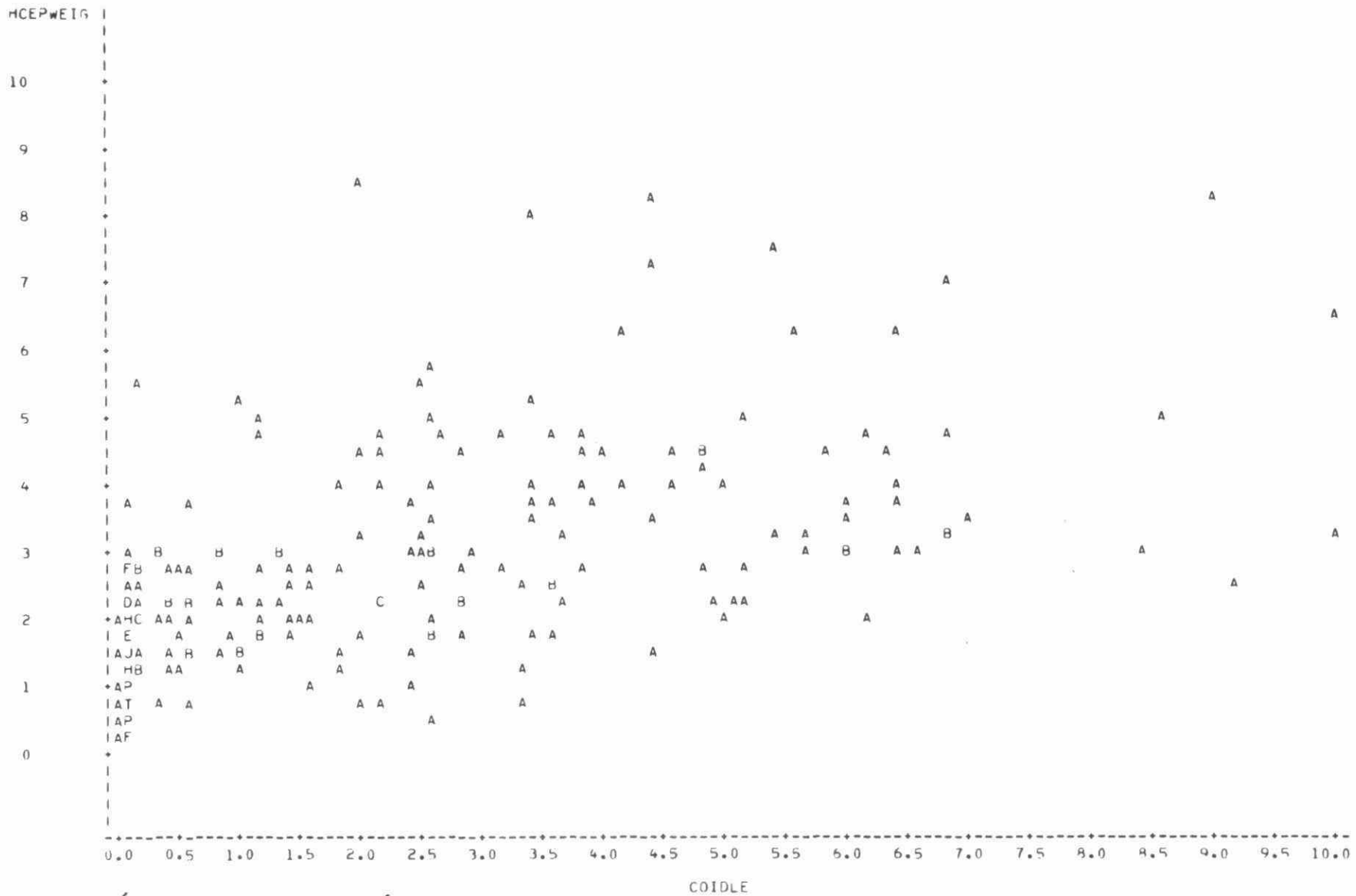
PLOT OF HCEPW EIG\*COIDLE LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 6 OBS HAD MISSING VALUES

33 OBS HIDDEN

PLOT OF HCEPWG\*COIDLE LEGEND: A = 1 OBS, B = 2 OBS, ETC.

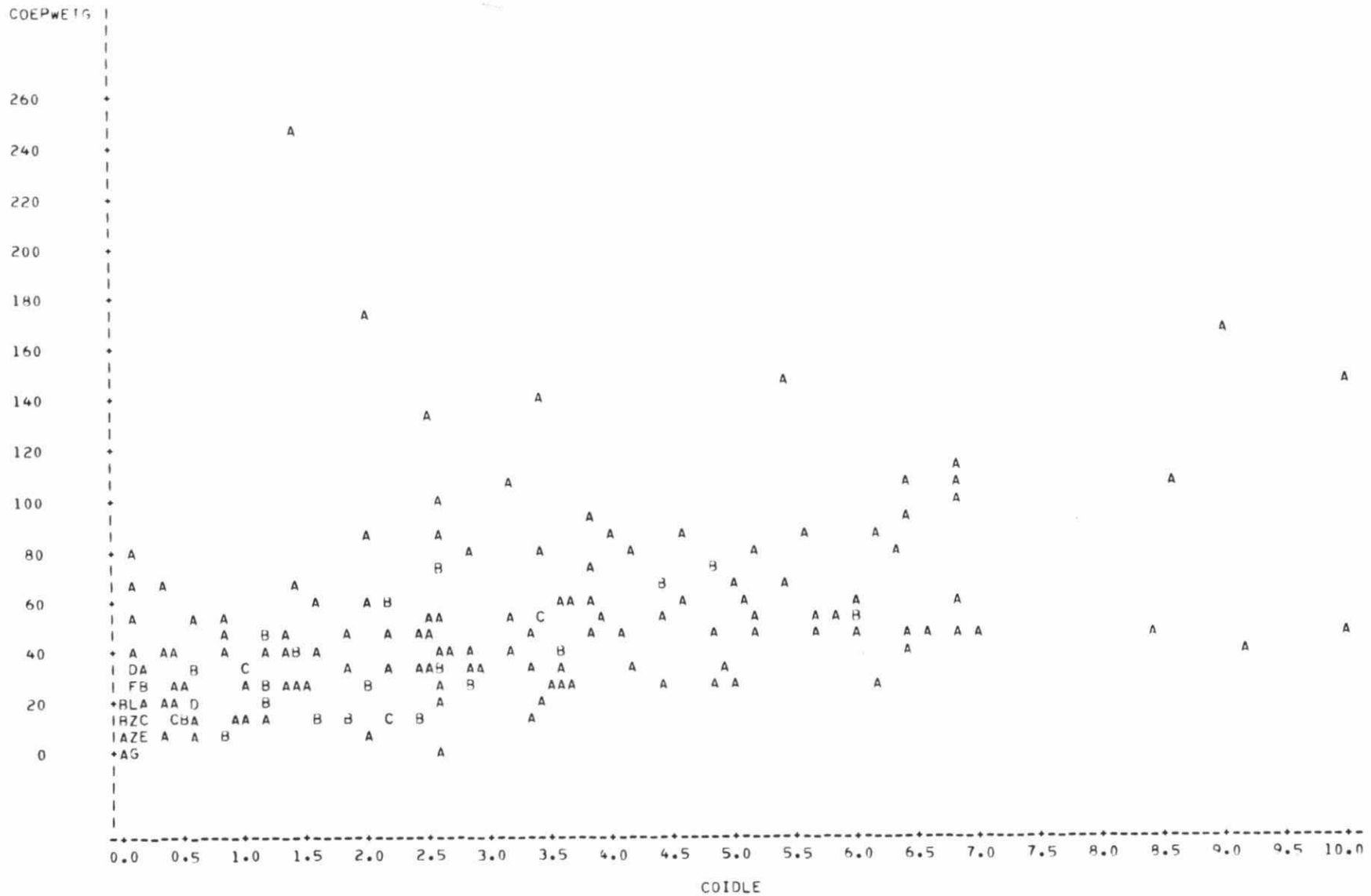


NOTE: 12 OBS HAD MISSING VALUES, 6 WERE OUT OF RANGE

WIDER ONTARIO SAMPLE - 295 CARS

11:52 MONDAY, AUGUST 20, 1984 14

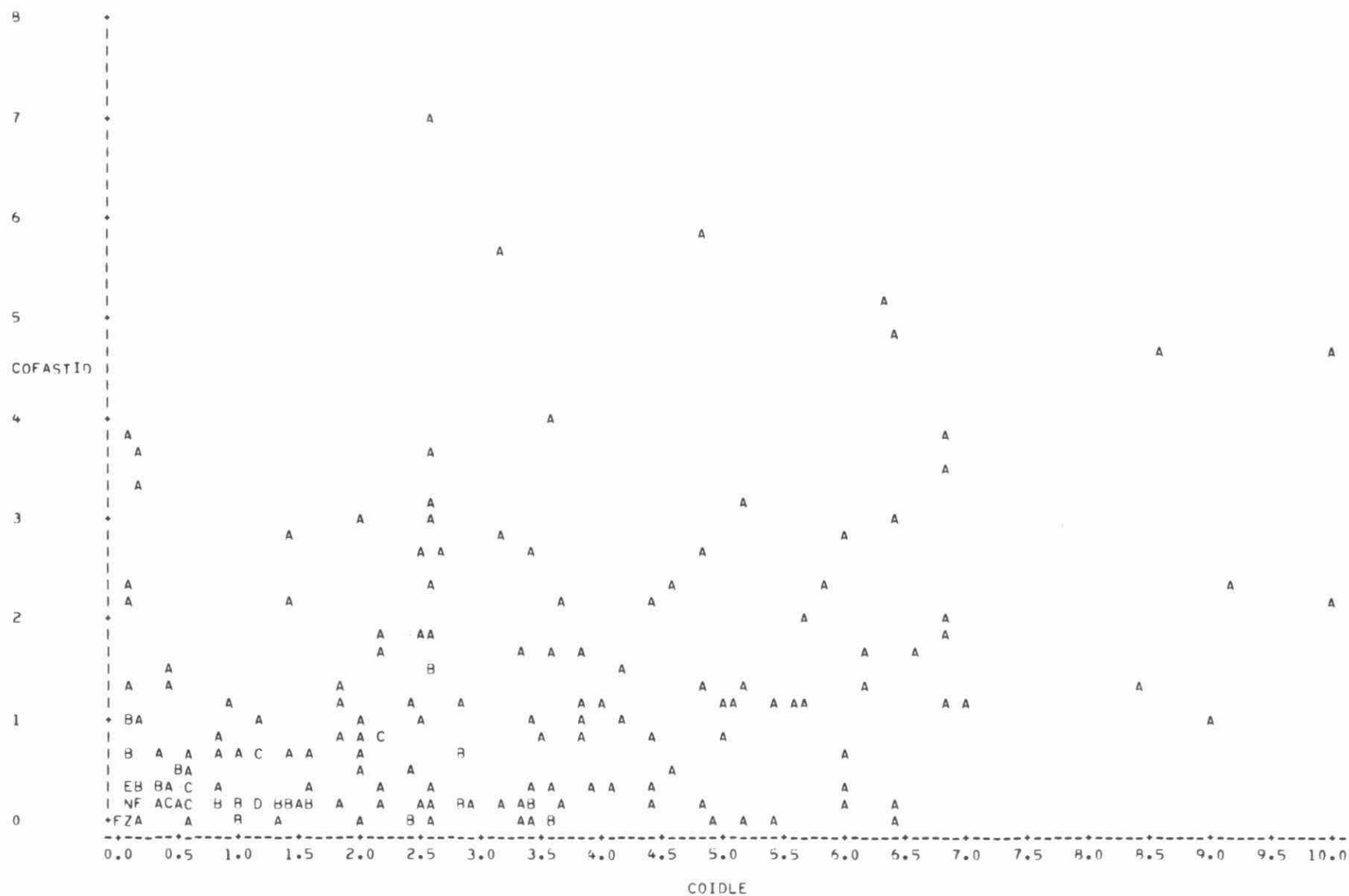
PLOT OF COEPWEIG\*COIDLE LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 2 OBS HAD MISSING VALUES

17 OBS HIDDEN

PLOT OF COFASTID\*COIDLE LEGEND: A = 1 OBS, B = 2 OBS, ETC.



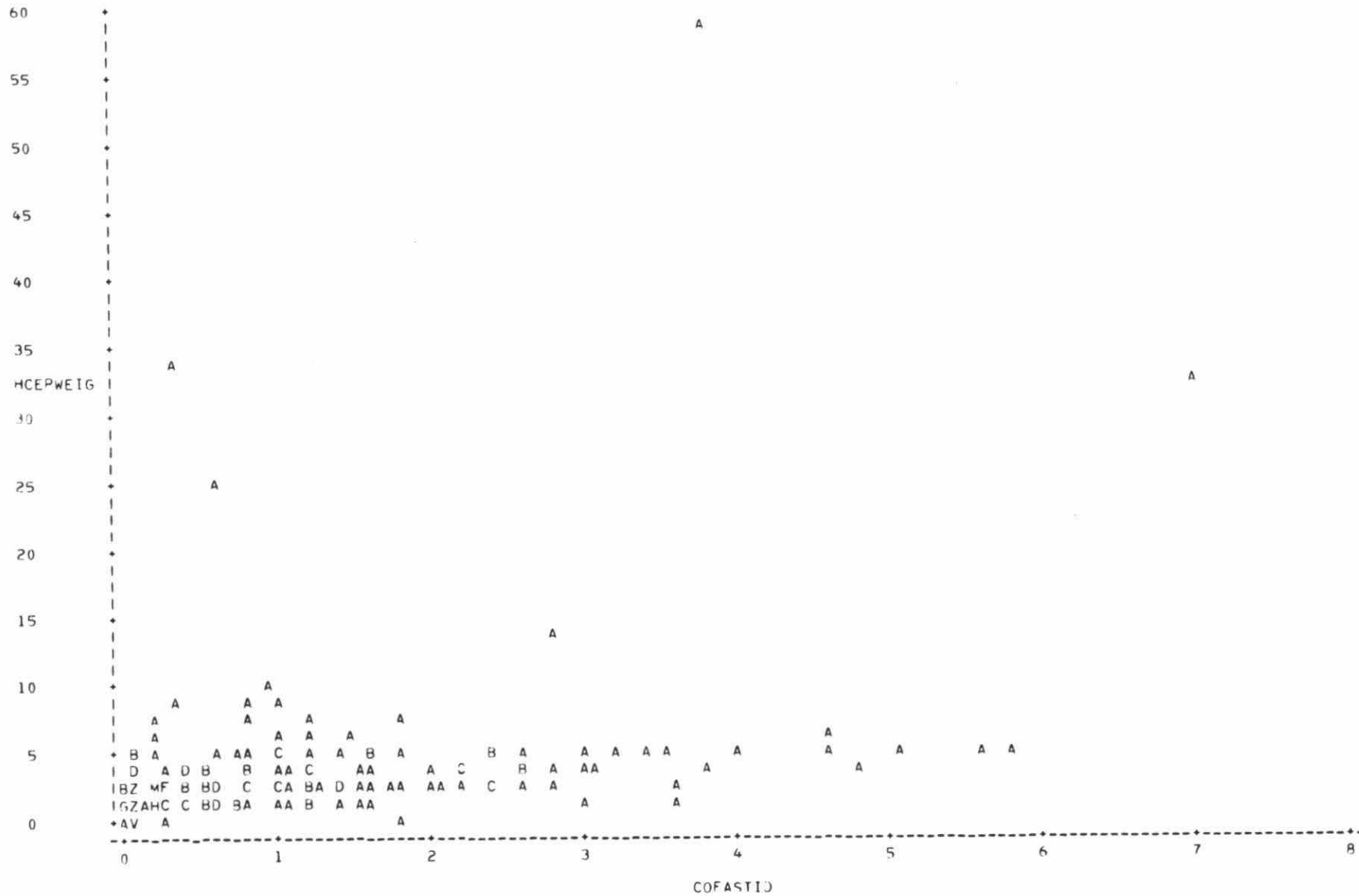
NOTE: 2 OBS HAD MISSING VALUES

49 OBS HIDDEN

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S

11:52 MONDAY, AUGUST 20, 1984<sup>17</sup>

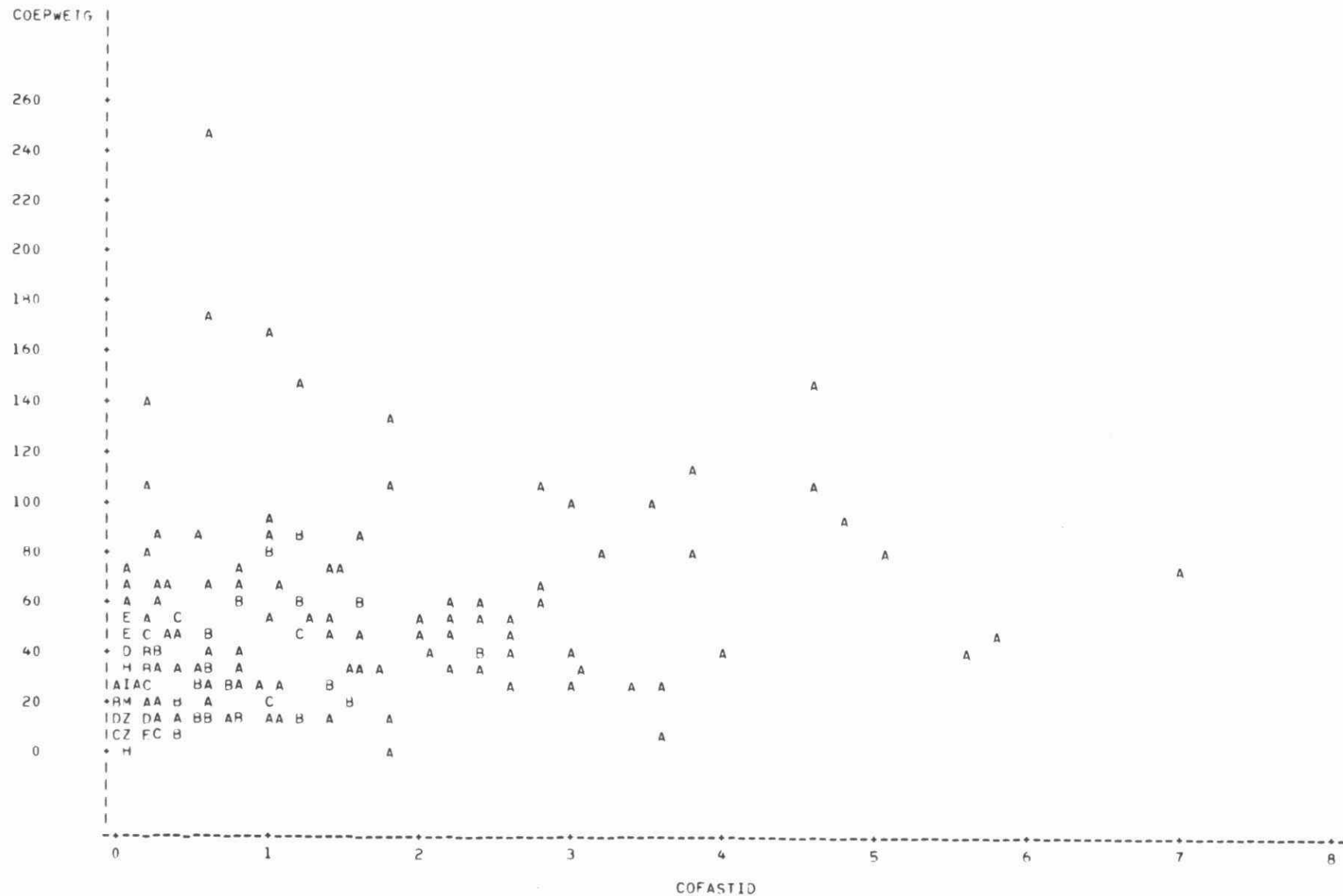
PLOT OF HCEPWEIG\*COFASTID LEGEND: A = 1 OBS. B = 2 OBS. ETC.



NOTE: 6 OBS HAD MISSING VALUES

41 OBS HIDDEN

PLOT OF COEPWEIG\*COFASTID LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 2 OBS HAD MISSING VALUES 15 OBS HIDDEN

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S

11:52 MONDAY, AUGUST 20, 1984 21

PLOT OF FCEPWEIG\*CID LEGEND: A = 1 OBS., B = 2 OBS., ETC.

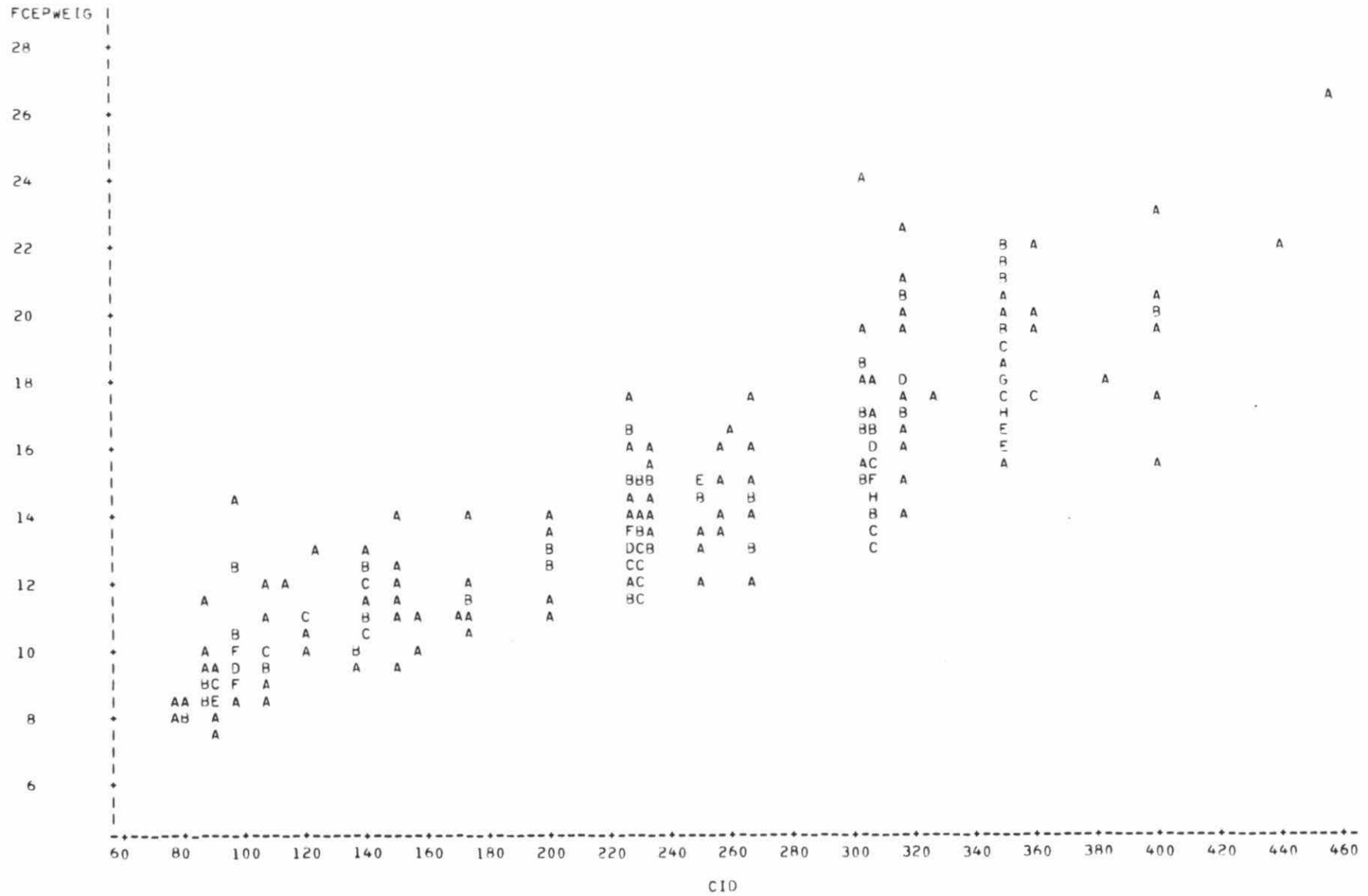
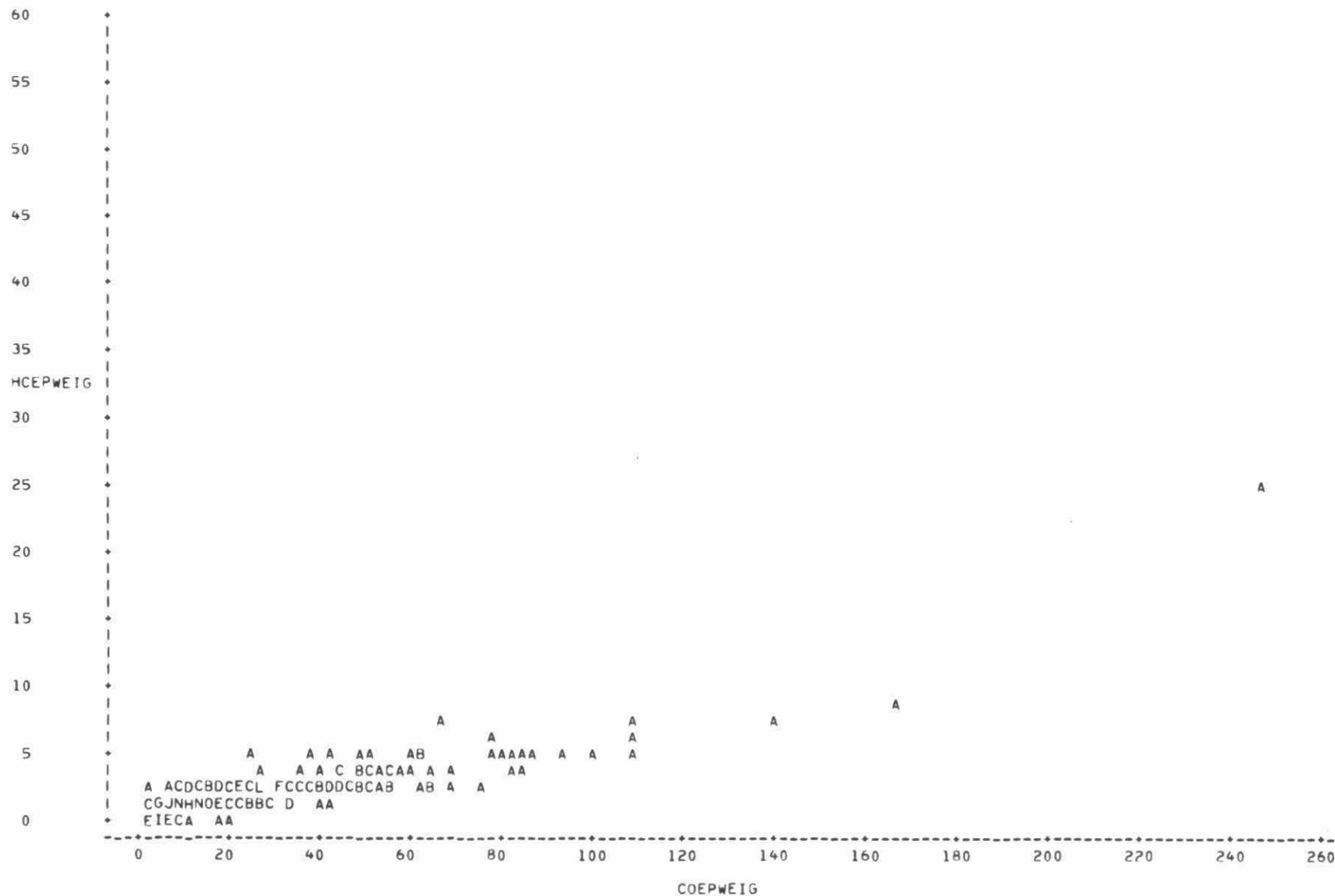


FIG. 9.1 - 13

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1975-1984 MODEL YEAR : 248 CARS

14:41 TUESDAY, AUGUST 21, 1984

PLOT OF HCEPWEIG\*COEPWEIG LEGEND: A = 1 OBS, B = 2 OBS, ETC.

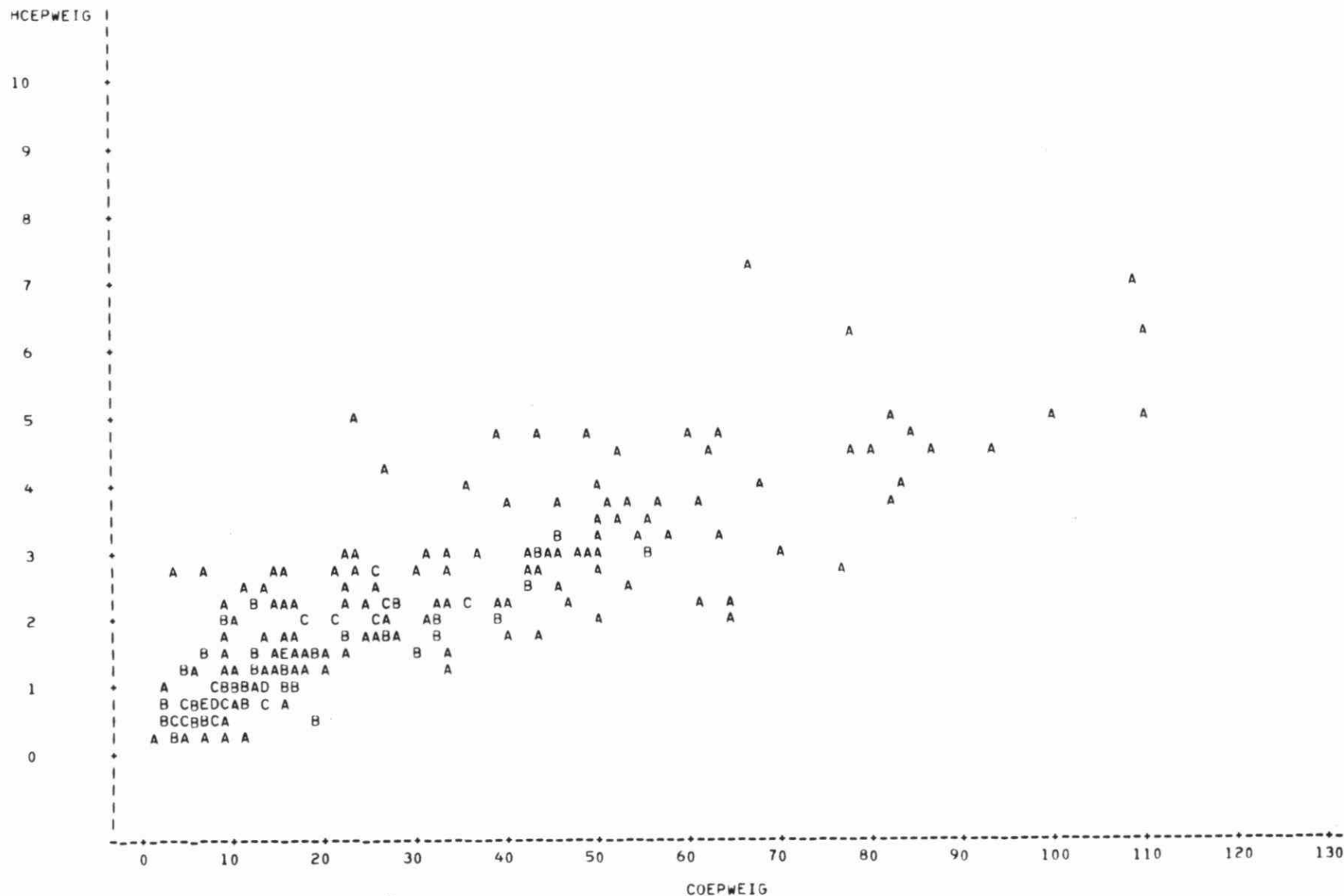


NOTE: 2 OBS HAD MISSING VALUES

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1975-1984 MODEL YEAR : 248 CARS

14:41 TUESDAY, AUGUST 21, 1984<sup>2</sup>

PLOT OF HCEPWEIG\*COEPWEIG      LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: <sup>2</sup> OBS HAD MISSING VALUES, <sup>3</sup> WERE OUT OF RANGE

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1975-1984 MODEL YEAR : 248 CARS

14:41 TUESDAY, AUGUST 21, 1984<sup>3</sup>

PLOT OF HCEPWEIG\*COIDLE: LEGEND: A = 1 OBS, B = 2 OBS, ETC.

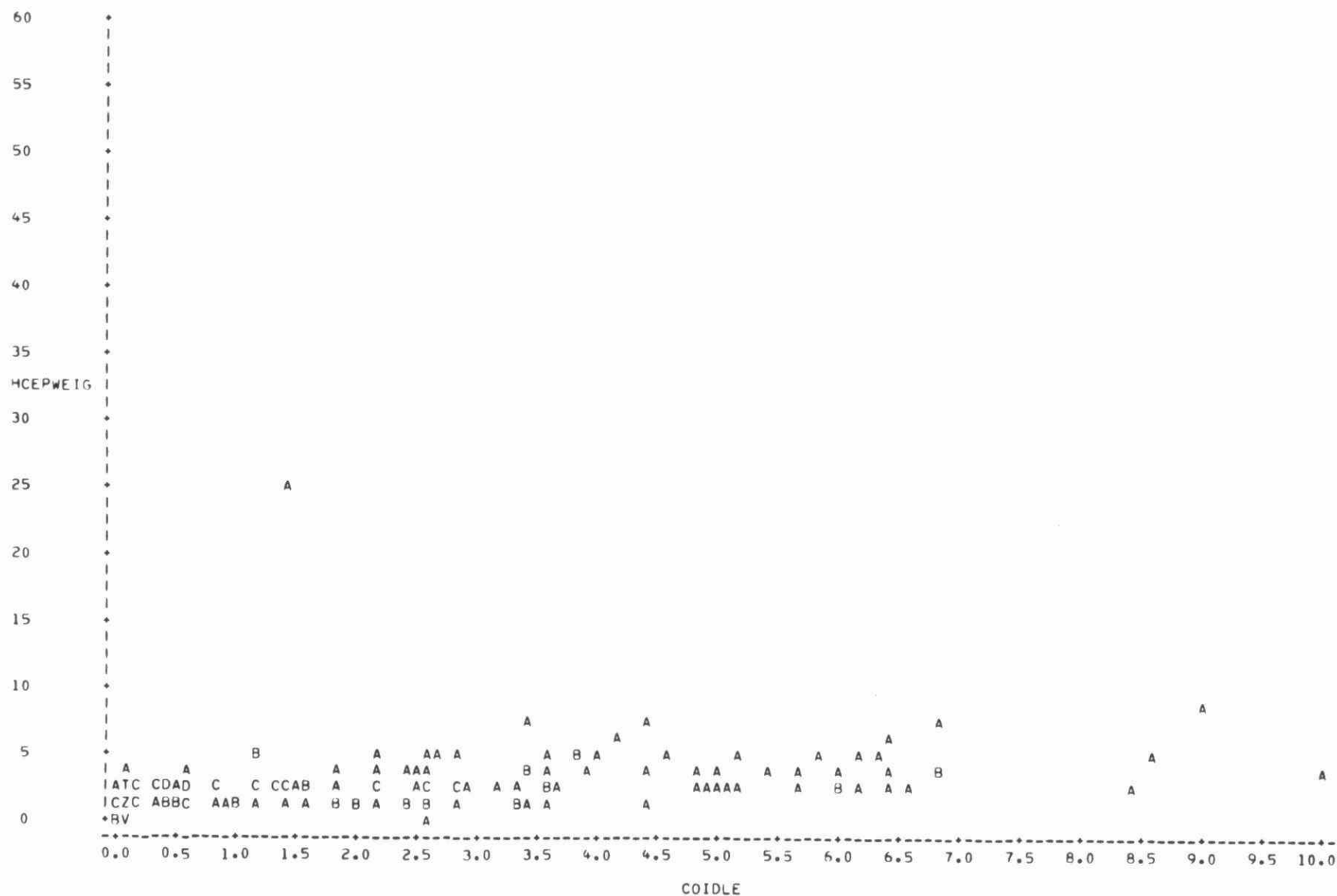
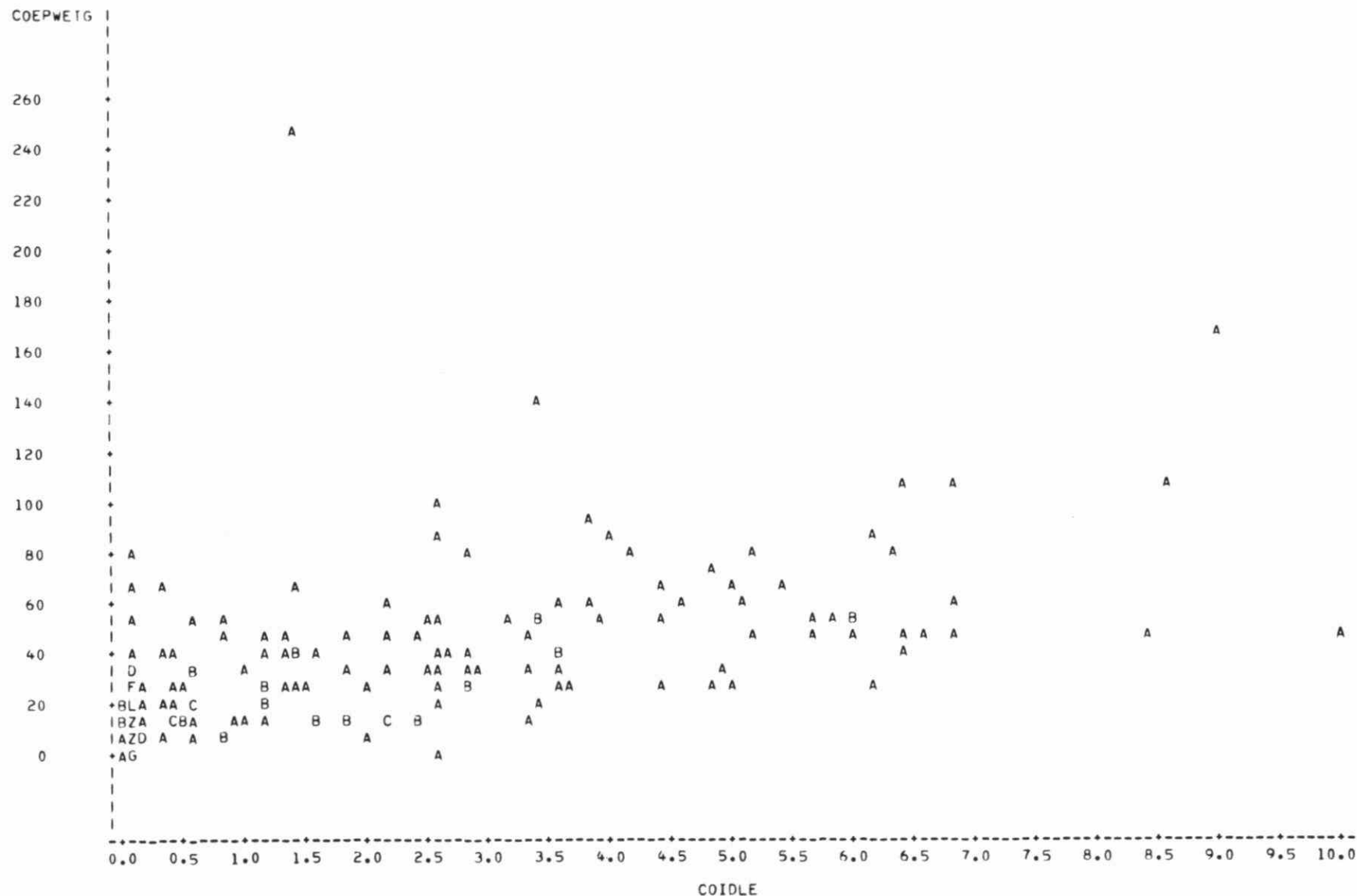


FIG. 9.1 - 15

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1975-1984 MODEL YEAR : 248 CARS

14:41 TUESDAY, AUGUST 21, 1984

PLOT OF COEPWEIG\*COIDLE LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 2 OBS HAD MISSING VALUES

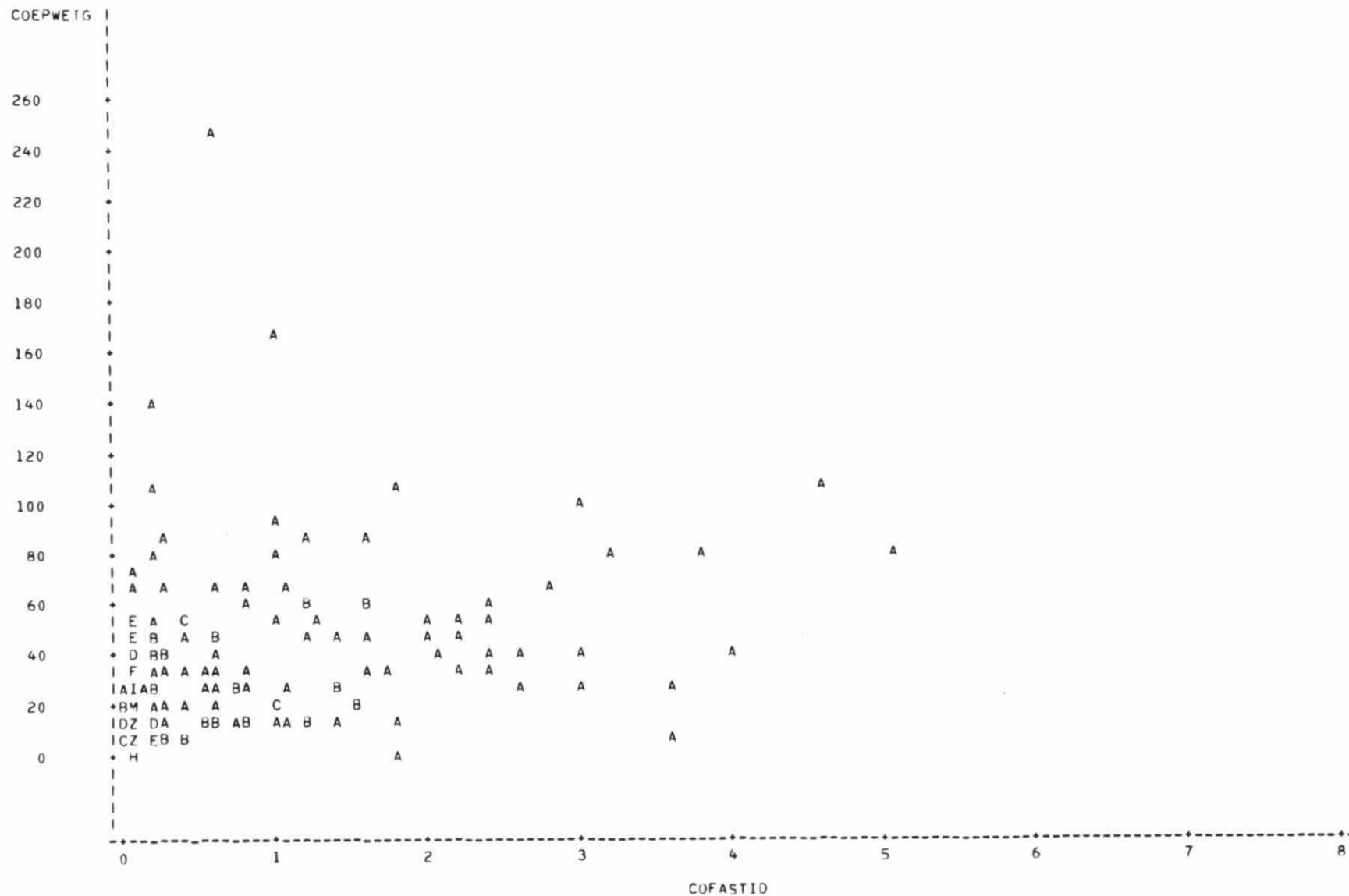
17 OBS HIDDEN



W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1975-1984 MODEL YEAR : 248 CARS

10  
14:41 TUESDAY, AUGUST 21, 1984

PLOT OF COEPWEIG\*COFASTID LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 2 OBS HAD MISSING VALUES

14 OBS HIDDEN

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1975-1984 MODEL YEAR : 248 CARS

12  
14:41 TUESDAY, AUGUST 21, 1984

PLOT OF FCEPWEIG\*CID LEGEND: A = 1 OBS, B = 2 OBS, ETC.

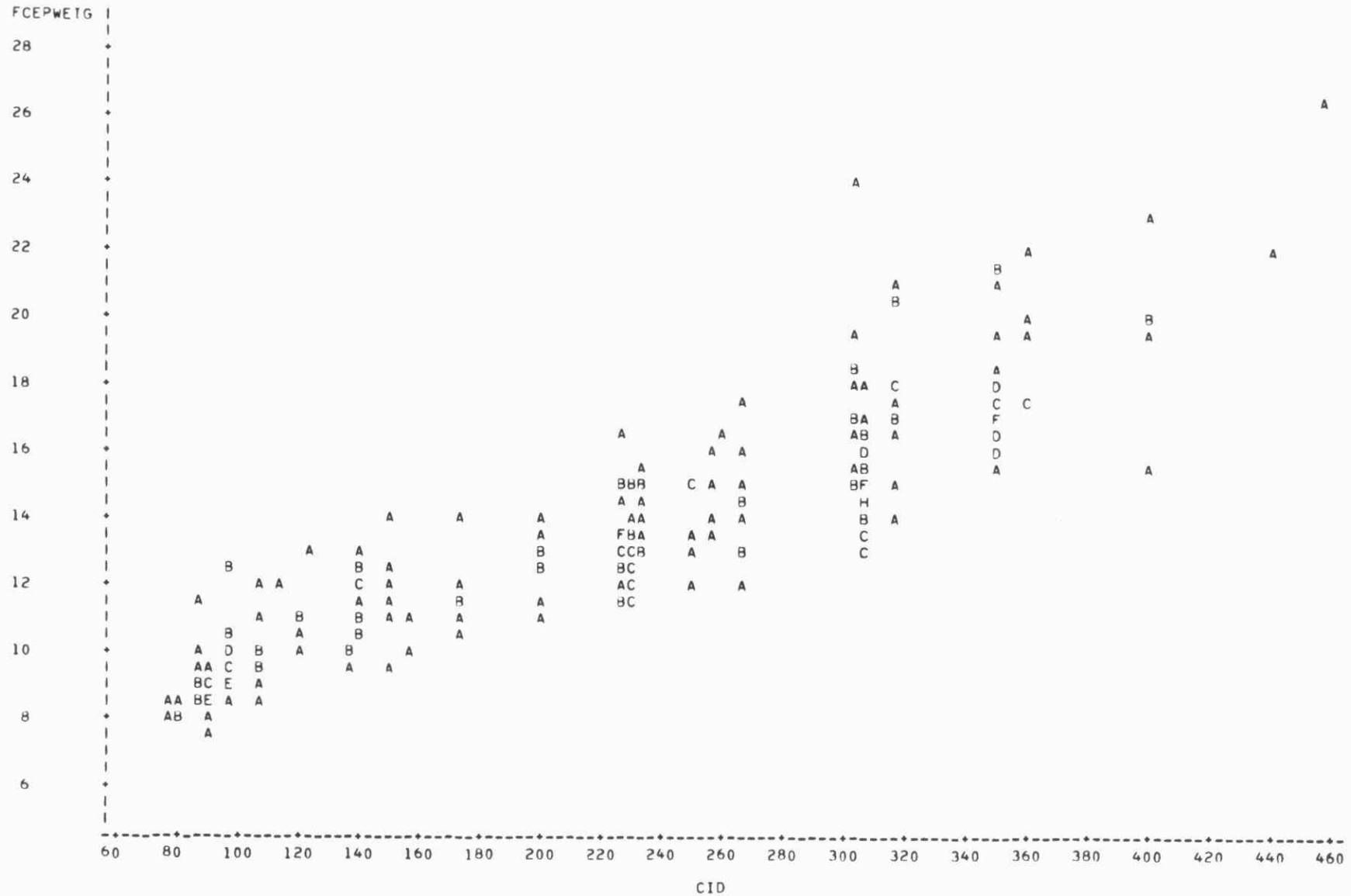
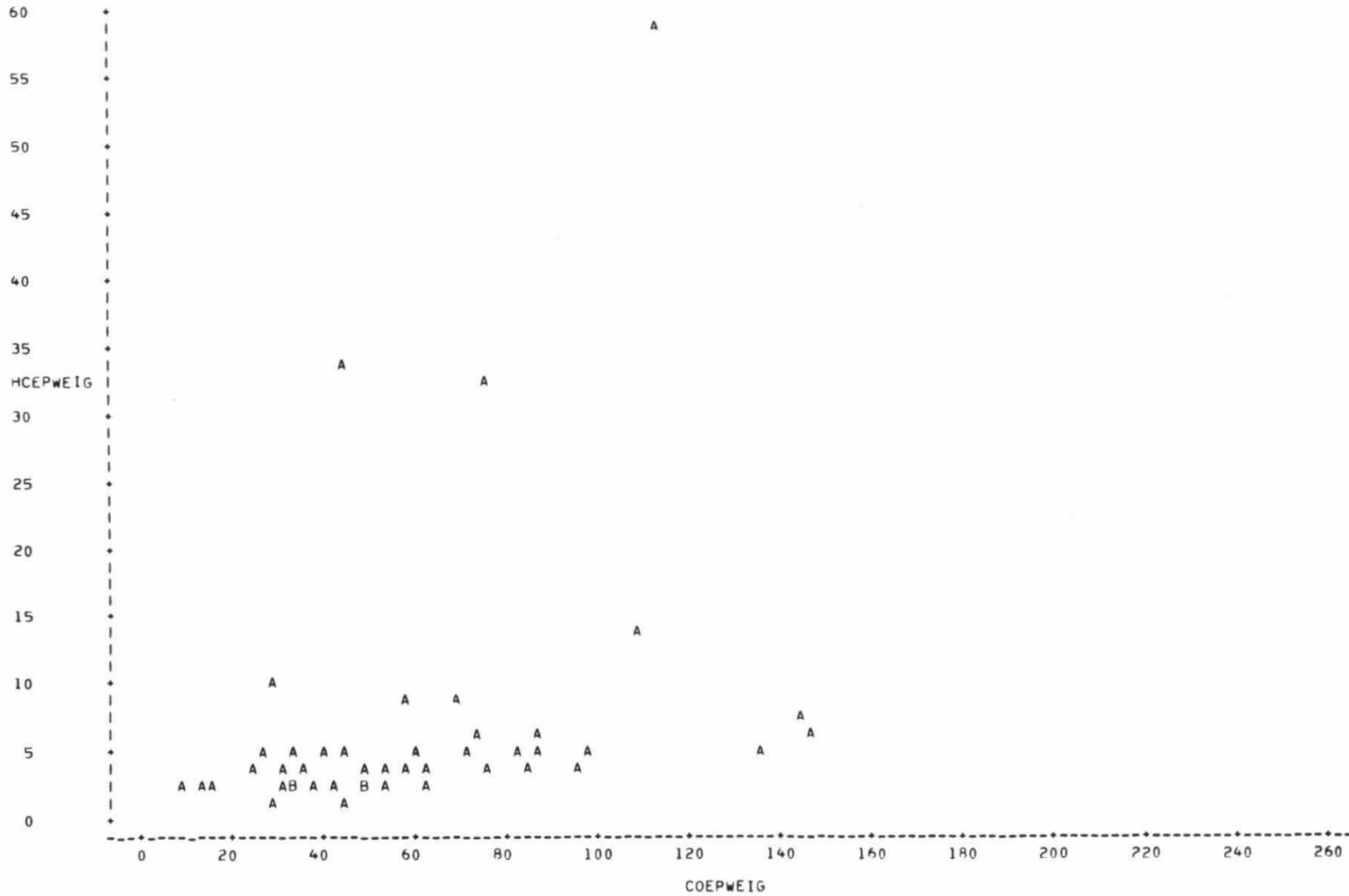


FIG. 9.1 - 19

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1962-1974 MODEL YEAR : 47 CARS

14:33 TUESDAY, AUGUST 21, 1984<sup>1</sup>

PLOT OF HCEPWEIG\*COEPWEIG LEGEND: A = 1 OBS, B = 2 OBS, ETC.

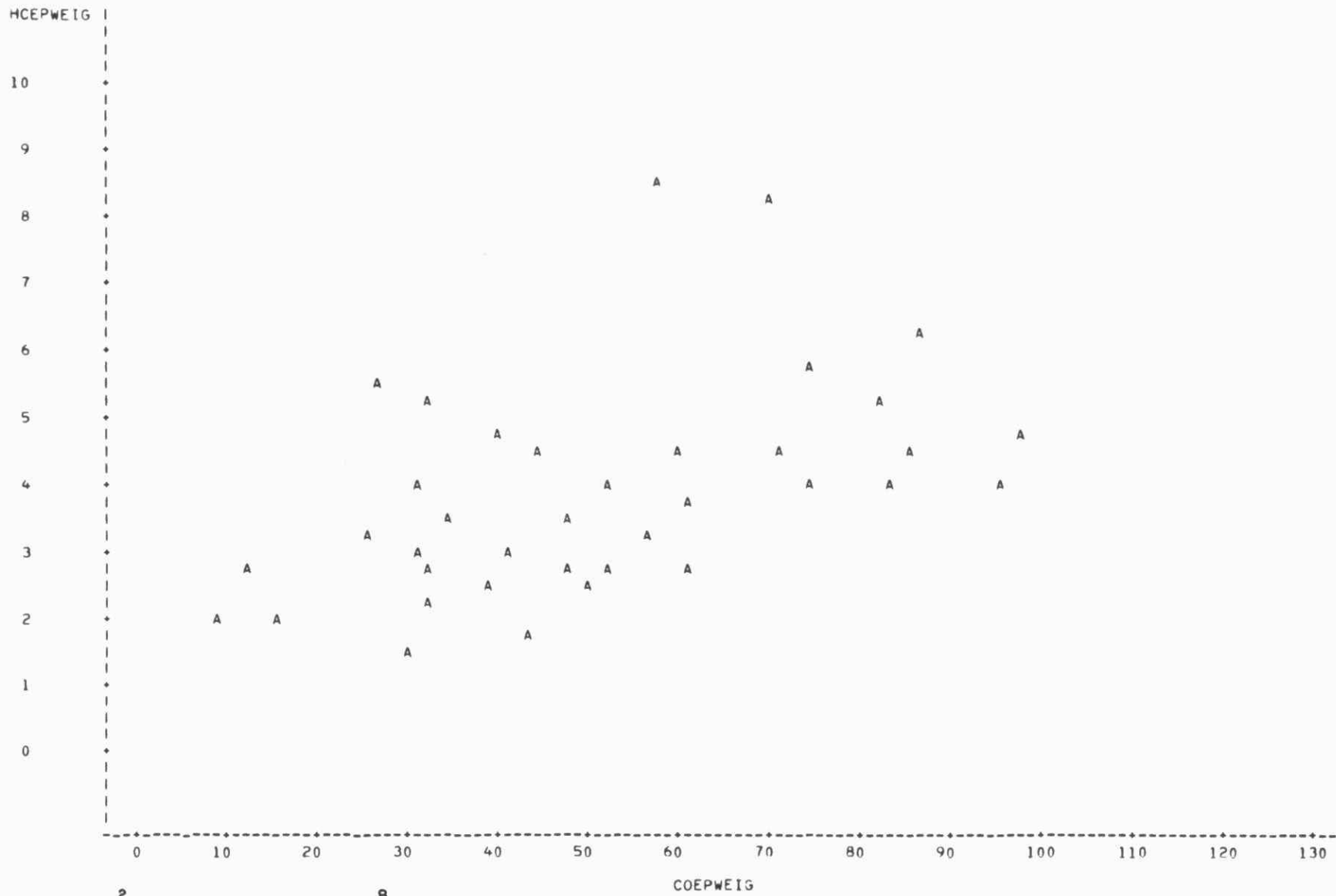


NOTE: 2 OBS HAD MISSING VALUES

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1962-1974 MODEL YEAR : 47 CARS

14:33 TUESDAY, AUGUST 21, 1984<sup>2</sup>

PLOT OF HCEPWEIG\*COEPWEIG LEGEND: A = 1 OBS, B = 2 OBS, ETC.

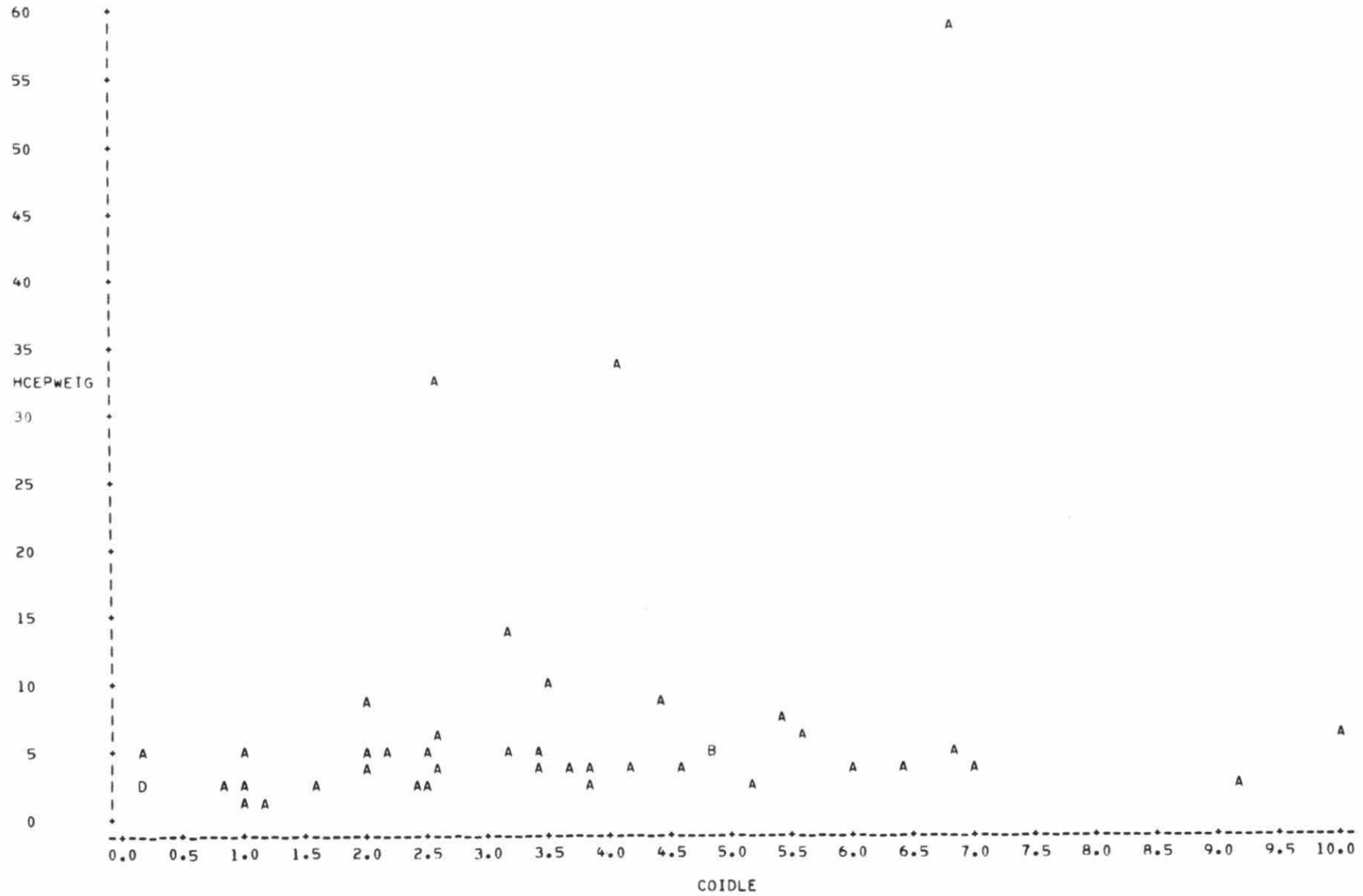


NOTE: <sup>2</sup> ~~10~~ OBS HAD MISSING VALUES, <sup>B</sup> ~~0~~ WERE OUT OF RANGE

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1962-1974 MODEL YEAR : 47 CARS

14:33 TUESDAY, AUGUST 21, 1984<sup>3</sup>

PLOT OF HCEPWEIG\*COIDLE: LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 2 OBS HAD MISSING VALUES

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1962-1974 MODEL YEAR : 47 CARS

14:33 TUESDAY, AUGUST 21, 1984 5

PLOT OF COEPWEIG\*COIDLE LEGEND: A = 1 OBS, B = 2 OBS, ETC.

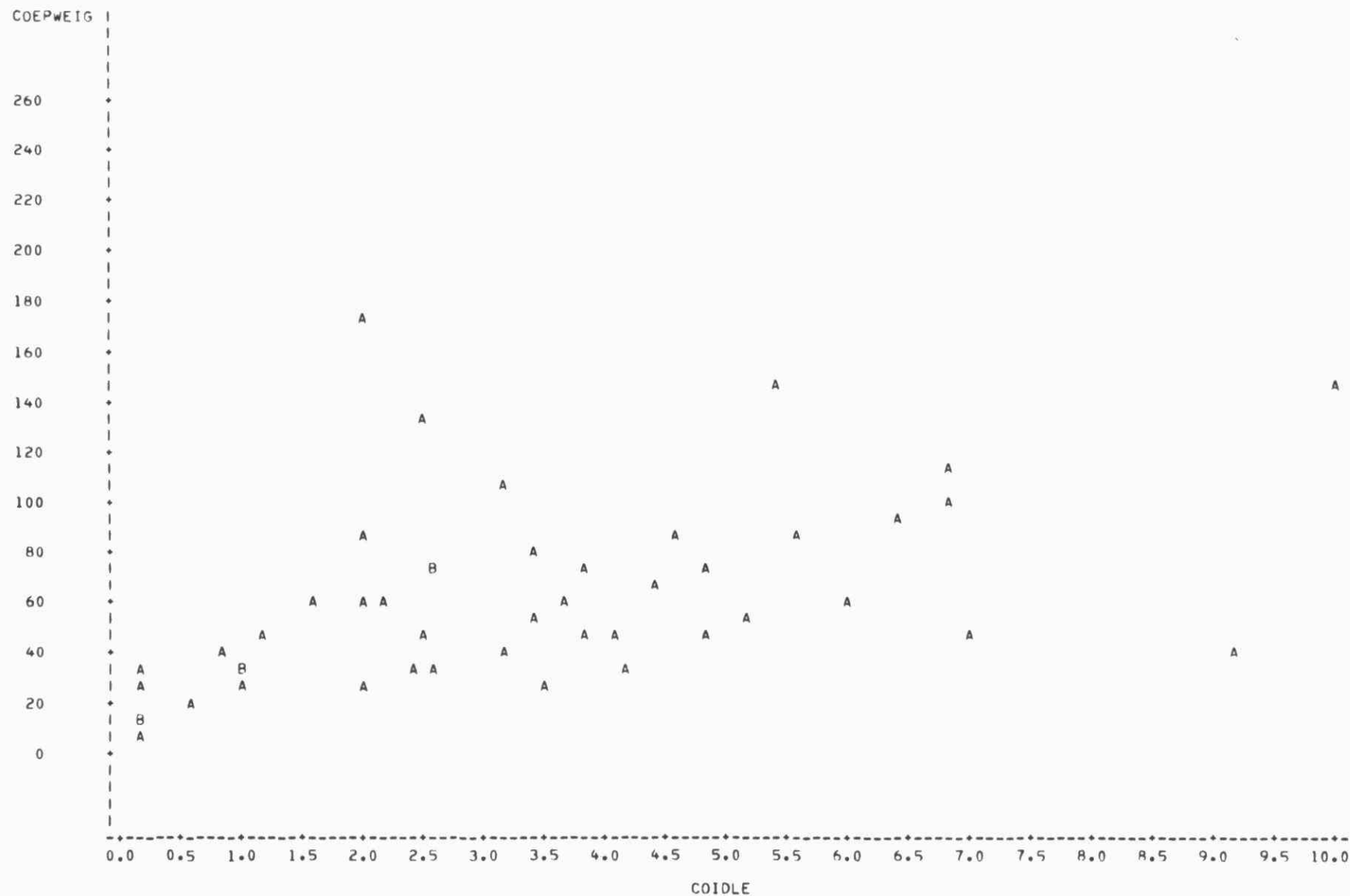


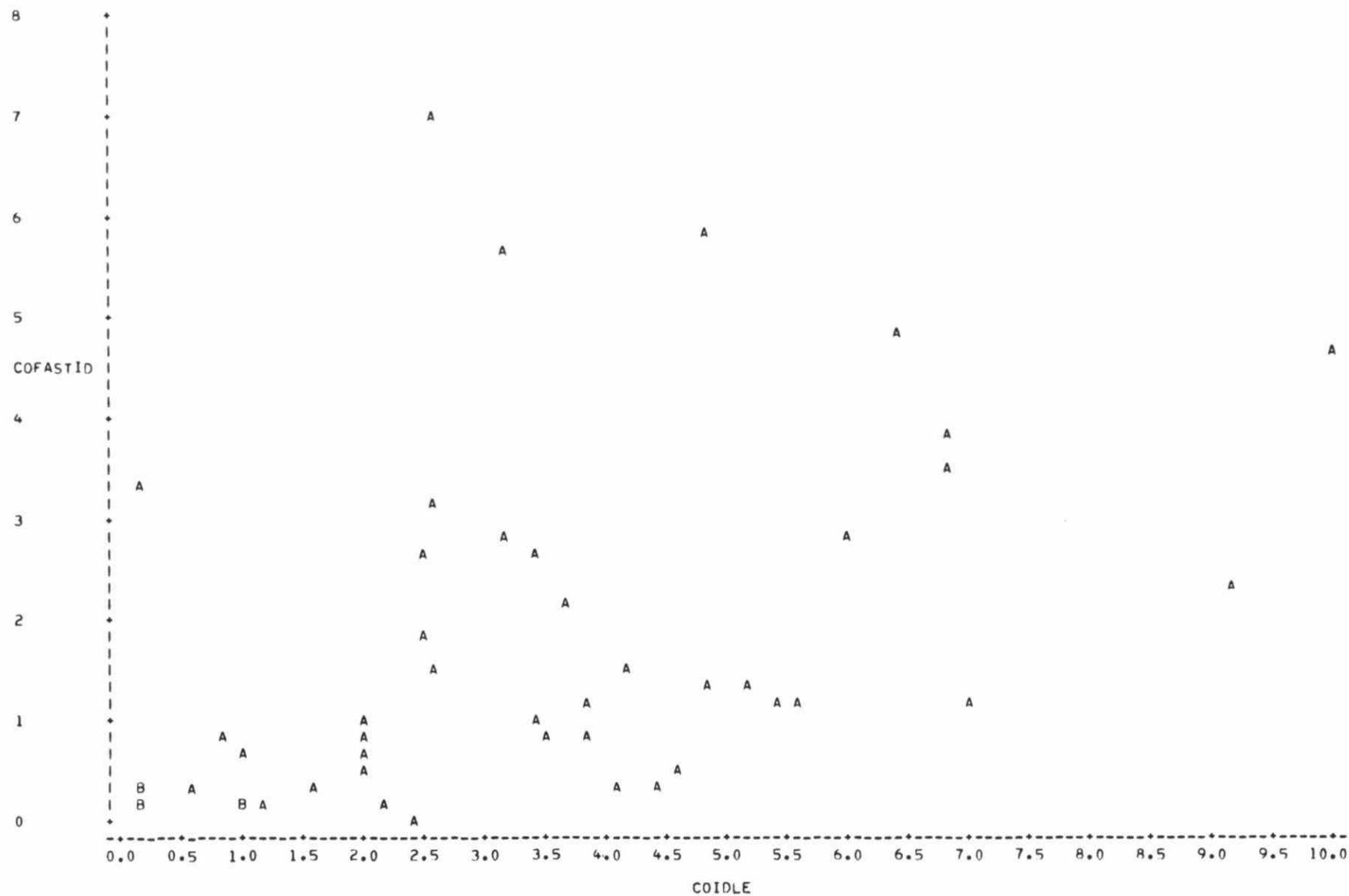
FIG. 9.1 - 22

APP. C 74

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1962-1974 MODEL YEAR : 47 CARS

14:33 TUESDAY, AUGUST 21, 1984

PLOT OF COFASTID\*COIDLE: LEGEND: A = 1 OBS, B = 2 OBS, ETC.



W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1962-1974 MODEL YEAR : 47 CARS

10  
14:33 TUESDAY, AUGUST 21, 1984

PLOT OF COEPWEIG\*COFASTID LEGEND: A = 1 OBS, B = 2 OBS, ETC.

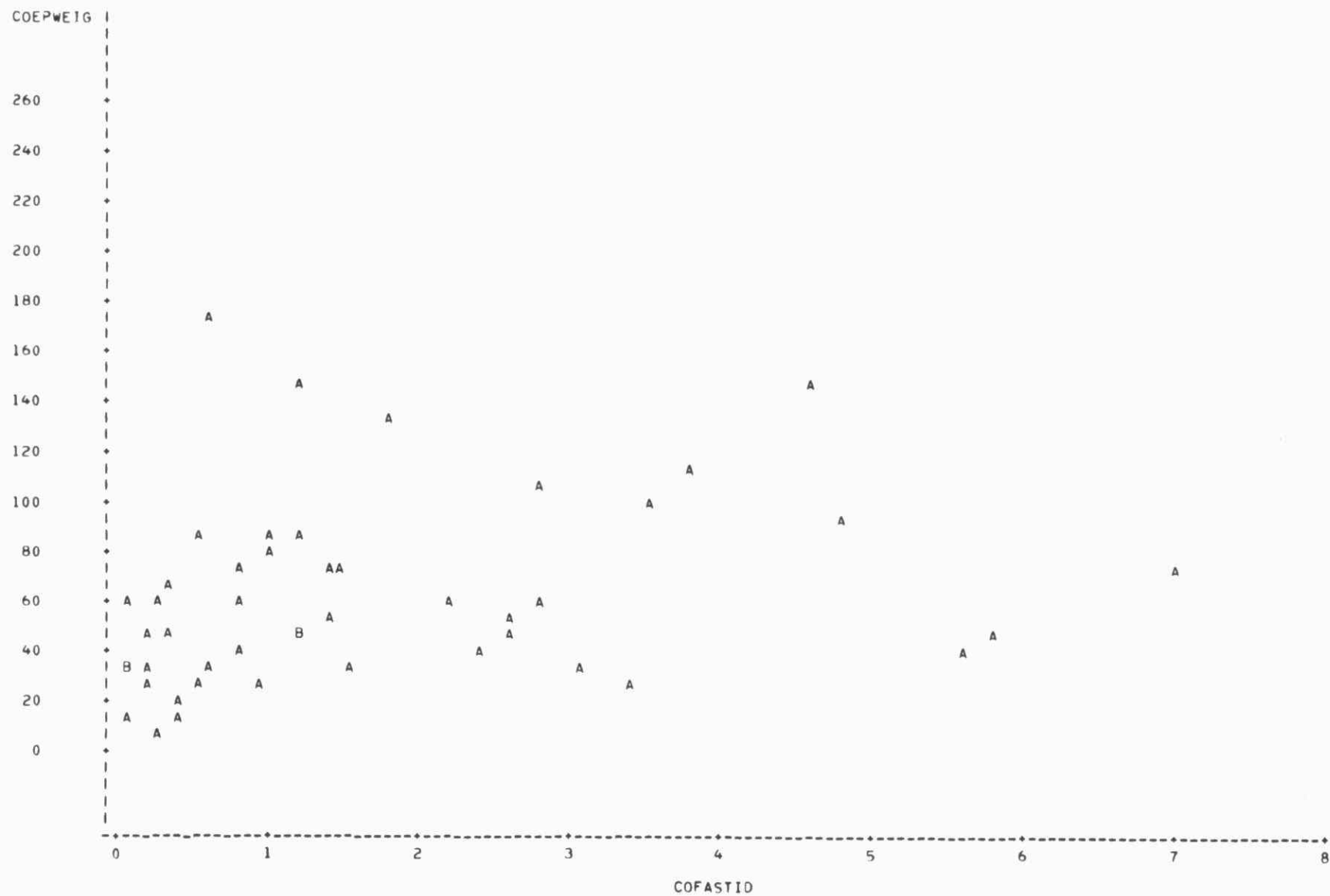


FIG. 9.1 - 24

W I D E R O N T A R I O S A M P L E - 2 9 5 C A R S  
1962-1974 MODEL YEAR : 47 CARS

14:33 TUESDAY, AUGUST 21, 1984<sup>12</sup>

PLOT OF FCEPWEIG\*CID LEGEND: A = 1 OBS, B = 2 OBS, ETC.

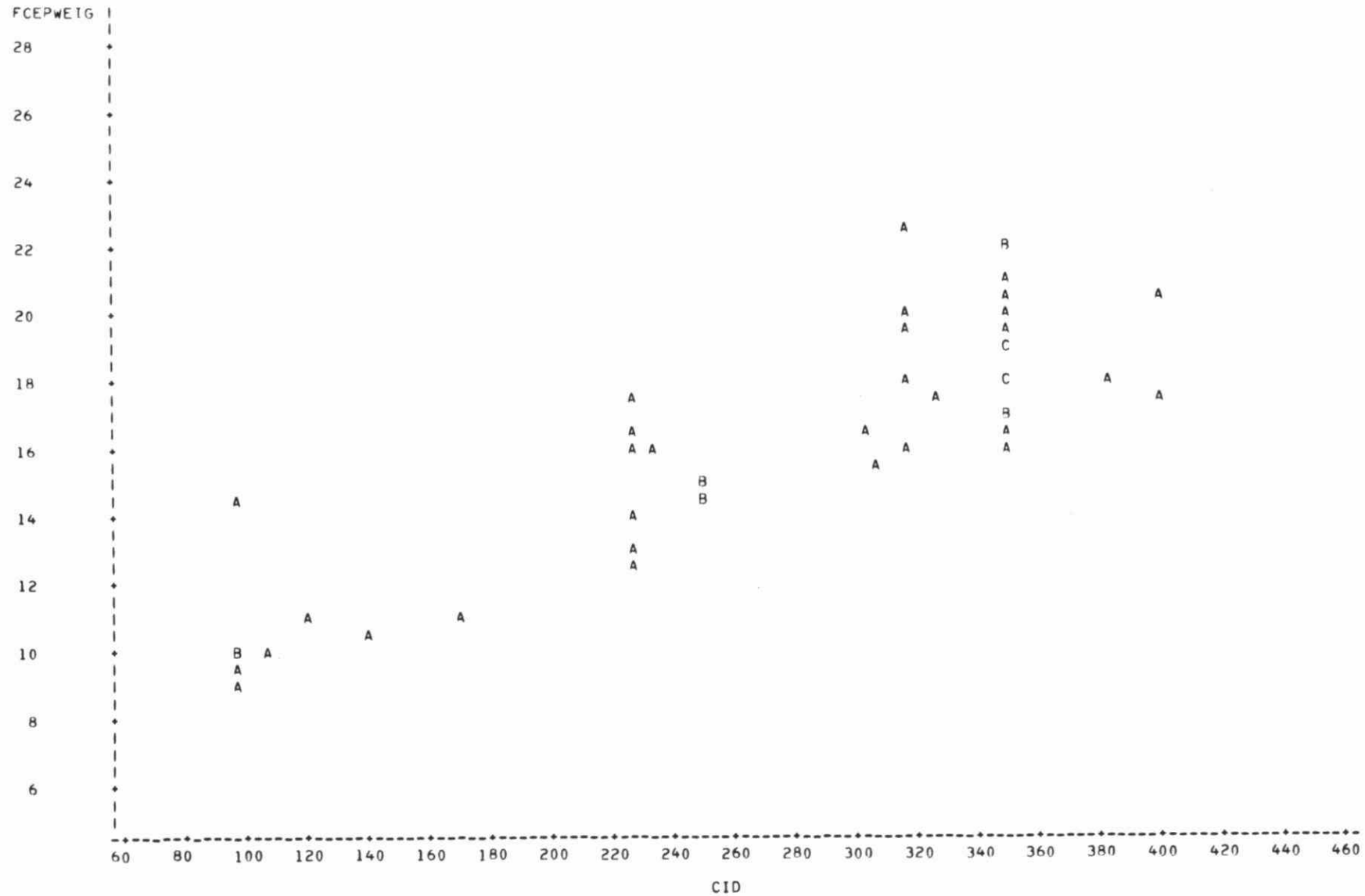


Table 9.2-1A

APP. D 1

OS 200 vs. Target List 200 (showing deviations and substitutions)

T A R G E T L I S T						TEST CAR-OS 200		DEVIATIONS FROM TARGET (Engine I) & SUBSTITUTIONS	NOTE
Car #	MY	Man	Size	CID	Vent	Test Car #	Model		
1	2	3	4	5	6	7	8	9	10
101	82	CH	S	135	2	197	Omni		
102			M	225	1	203	Diplomat		
103		FO	S	98	2	196	Escort		
104			C	140	2	195	Mustang		
105			C	200	1	179	Granada		
106		GM	S	98	2	258	Chevette		
107			C	151	2	305	Skylark		
108			C	173	2	252	Ciera		
109			M	267	2	200	Cutlass	231 CID, 2-bbl.	(1)
110			M	267	2	209	Malibu		
111			M	305	2	255	Regal	267 CID, 2-bbl.	(1)
112			M	305	2	359	Cutlass	267 CID, 2-bbl.	(1)
113			F	305	4	257	Delta 88		
114			F	350	4	265	Delta 88	305 CID, 4-bbl.	(1)
115		MAZ	S	91	2	238	GLC		
116		DAT	S	91	2	217	Stanza	120 CID, 2-bbl.	(1)
117		TOY	S	89	2	237	Tercel		
118		HON	S	81	2	362	Civic		
119	81	AM	C	258	2	355	Concord	1980 MY, 151 CID, 2-bbl.	(1,2)
120		CH	S	135	2	184	Reliant		
121			S	135	2	115	Reliant	156 CID, 2-bbl.	(1)
122			M	255	2	239	Cordoba		
123		FO	S	98	2	221	Lynx		
124			C	200	1	208	Capri		
125			C	200	1	204	Zephyr		
126			F	302	2	202	Towncar		
127		GM	S	98	2	150	Chevette		
128			C	151	2	229	Citation		
129			C	173	2	130	Omega		
130			C	231	2	158	Cutlass		
131			M	267	2	174	Regal		
132			M	267	2	194	Regal		
133			M	267	2	199	Malibu		
134			M	305	4	218	Impala		
135			M	305	4	116	Impala	lower mileage	(3)
136		GM	F	305	4	296	Cutlass		
137			F	350	4	364	Monte Carlo	305 CID, 4-bbl.	(1)
138			F	368	0	128	Royal	307 CID, 4-bbl.	(1)
139		MAZ	S	91	2	210	GLC		
140		DAT	S	91	2	151	310GX		
141		TOY	S	89	2	121	Tercel		
142		VW	S	105	0	360	Rabbit	1982 MY	(2)
143		HON	S	81	3	211	Civic		

Table 9.2-1A (cont'd)

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T A R G E T L I S T						TEST CAR-OS 200		DEVIATIONS FROM TARGET (Engine I) & SUBSTITUTIONS	NOTE
Car #	MY	Man	Size	CID	Vent	Test Car #	Model		
1	2	3	4	5	6	7	8	9	10
144	80	AM	C	258	2	236	Concord		
1		CH	S	105	2	81	Horizon	very low mileage	(3)
2			M	225	1	183	Volare		
145			M	225	1	365	Aspen		
3		FO	S	140	2	311	Pinto		
146			C	200	1	133	Fairmont		
147			M	302	2	103	T Bird	255 CID, 2-bbl.	(5)
4			F	302	2	352	LTD		
5		GM	S	98	2	111	Chevette	very low mileage	(3)
148			C	151	2	214	Phoenix		
149			C	173	2	175	Skylark		
6			C	173	2	101	Citation		
7			M	231	2	90	Cutlass		
150			M	231	2	160	Lemans	lower mileage	(3)
151			M	267	2	185	Century	265 CID, 2-bbl.	(1)
152			M	267	2	173	Malibu		
153			M	301	4	171	GR Prix	307 CID, 2-bbl.	(1)
154			M	305	2	363	Caprice	4-bbl.; higher mileage	(4)
8			F	350	4	79	Olds-98		
155			F	350	4	178	Delta 88		
9		VW	S	89	0	373	Rabbit	97 CID, Fuel Inj.	(1)
156		DAT	S	85	2	341	310		
157		TOY	S	134	2	235	Tercel	89 CID, 2-bbl.	(1)
158		HON	S	81	3	228	Civic		
159	79	CH	S	105	2	114	Horizon	lower mileage	(3)
10			M	225	1	117	Volare	lower mileage	(3)
160			M	225	2	198	Caravelle		
11			F	318	2	99	Newport		
12		FO	C	200	1	84	Fairmont		
161			M	302	2	189	Mustang		
13			F	302	2	120	LTD	lower mileage	(3)
162			F	351	2	205	Cougar		
14		GM	S	98	2	278	Acadian		
163			C	231	2	192	Sunbird	low mileage	(3)
15			M	231	2	110	Lemans		
16			M	267	2	234	Monte Carlo		
17			M	305	2	134	Camaro		
164			M	305	2	166	Cutlass		
165			M	305	2	157	Lemans	4-bbl.	
18			F	305	4	87	Impala	2-bbl.	
19			F	350	4	371	Safari		
166			F	350	4	298	Lauren		
167			F	350	4	163	Catalina		

Table 9.2-1A (Cont'd)

T A R G E T L I S T						TEST CAR-OS 200		DEVIATIONS FROM TARGET (Engine I) & SUBSTITUTIONS	NOTE
Car #	MY	Man	Size	CID	Vent	Test Car #	Model		
1	2	3	4	5	6	7	8	9	10
20		DAT	S	119	2	317	SX200		
21		HON	S	91	3	97	Accord	98 CID	(1)
168		VW	S	89	0	297	Rabbit		
169	78	AM	M	258	2	212	Concord	232 CID, 1-bbl.	(1)
22		CH	S	105	2	294	Omni		
23			M	225	1	82	Aspen		
170			M	225	2	280	Aspen	1-bbl.	
171			F	318	2	93	Monaco		
24		FO	S	140	2	28	Pinto		
25			C	200	1	131	Fairmont		
26			F	302	2	125	Cougar		
72			F	351	2	159	T. Bird		
27		GM	S	98	1	78	Acadian	very low mileage	(3)
28			M	231	2	109	Cutlass		
173			M	250	1	164	Lemans	200 CID, 2-bbl.	(1)
174			M	231	2	167	Phoenix	305 CID, 2-bbl.	(5)
29			M	260	2	22	Impala	305 CID, 2-bbl.	(1)
175			M	305	2	275	Malibu		
30			F	305	2	206	Parisien		
31			F	350	4	361	Delta 88		
176			F	350	4	165	Parisien		
32		VW	S	97	0	96	Rabbit		
33		HON	S	76	2	126	Civic		
177		TOY	S	97	2	306	Corolla		
34	77	CH	M	225	1	80	Volare		
178			M	225	2	172	Aspen		
35			F	318	2	289	Aspen		
179			F	360	2	251	Gr. Fury		
180		FO	S	140	2	181	Pinto		
36			M	250	1	129	Mercury		
37			F	302	2	76	LTD 2		
181			F	351	2	33	LTD 2		
38		GM	M	250	1	262	Nova		
182			M	305	2	168	Camaro		
39			F	305	2	83	Parisien		
40			F	305	2	135	Impala		
41			F	350	4	177	Impala		
42			F	350	4	281	Cutlass		
183			F	350	4	367	Cutlass		
184			F	400	4	162	Gr. Prix		
43		TOY	S	134	2	30	Mirafiore	1978 Fiat, 107 CID	(2,6)
44		HON	S	91	3	28	Civic W		
185		DAT	S	85	2	310	B210		

Table 9.2-1A (Cont'd)

T A R G E T L I S T						TEST CAR-OS 200		DEVIATIONS FROM TARGET (Engine I) & SUBSTITUTIONS	NOTE
Car #	MY	Man	Size	CID	Vent	Test Car #	Model		
1	2	3	4	5	6	7	8	9	10
186	76	AM	M	232	1	213	Pacer	258 CID	(1)
45		CH	M	225	1	102	Volare		
187			F	318	2	232	Fury		
46			F	360	2	309	Aspen W		
47		FO	C	140	2	86	Mustang 2		
48			F	302	2	268	Granada		
188			F	351	2	161	Monarch		
189		GM	S	140	2	274	Chevette	98 CID	(1)
49			M	250	1	191	Camaro		
50			F	350	2	77	Gr. Lemans		
51			F	350	2	106	Gr. Prix		
52			F	350	2	5	Belair		
190			F	350	4	152	Cutlass		
191			F	400	2	176	Safari W		
53		DAT	S	85	2	267	B 210		
54		HON	S	76	2	223	Civic		
55	75	AM	M	232	1	215	Pacer		
56		CH	M	225	1	132	Dart		
57			F	318	2	124	Coronet		
192			F	360	2	253	Fury	318 CID, 2-bbl.	(1)
58		FO	S	140	2	312	Pinto		
59			M	351	1	231	Custom		
193			F	400	4	318	Rideau		
60		GM	M	250	2	122	Nova		
61			F	350	2	94	Century		
62			F	350	2	242	Century		
194			F	350	4	186	Camaro	2-bbl.	
63			F	400	4	19	Biscay W		
64		TOY	S	97	2	219	Corolla		
195		DAT	S	85	2	240	B210		
65	74	AM	C	258	1	190	Hornet	232 CID, 1-bbl.	(1)
66		CH	M	318	2	207	Duster	225 CID, 1-bbl.	(1)
196			F	318	2	319	Coronet		
67		FO	C	250	1	233	Comet		
68			F	351	2	271	Cougar		
69		GM	M	350	2	26	Firebird		
70			F	350	2	100	Chevelle		
71			F	350	4	224	Cutlass		
197			F	350	4	154	Gr. Prix	400 CID, 4-bbl.	(1)
72		VW	S	97	1	180	Beetle		
198		TOY	S	120	2	293	Corolla	97 CID, 2-bbl.	(1)

Table 9.2-1A (Cont'd)

T A R G E T L I S T						TEST CAR-OS 200		DEVIATIONS FROM TARGET (Engine I) & SUBSTITUTIONS	NOTE
Car #	MY	Man	Size	CID	Vent	Test Car #	Model		
1	2	3	4	5	6	7	8	9	10
73	73	CH	M	318	2	291	Duster		
74			F	400	4	241	Monaco		
75		FO	F	400	2	350	Montego	351 CID, 2-bbl.	(1)
76			S	140	2	220	Astre		
77			F	350	2	89	Lemans		
78		GM	F	350	2	247	Century		(8)
79		DAT	S	97	2	25	PL 610	108 CID	(5)
80	72	CH	M	318	2	98	MontCarlo	GM, 350 CID, 2-bbl.	(6)
81		FO	M	302	2	324	Lemans	GM, 350 CID, 2-bbl.	(6)
82			F	351	2	230	Custom		
83		GM	M	350	2	187	Lemans		
84			F	350	2	266	Laurent		
85		TOY	S	97	2	246	Corolla		(8)
86	71	CH	F	383	2	333	Suburban	318 CID, 2-bbl.	(1)
87		FO	F	351	2	336	Mustang	302 CID, 2-bbl.	(1)
88		GM	F	350	2	245	Kingsw.		
89		TOY	S	71	2	283	Celica	1973 MY, 120 CID, 2-bbl.	(2,5)
90	70	FO	M	351	2	332	Dart	CH, 318 CID, 2-bbl.	(6)
91		GM	F	350	4	338	Impala		
92		VW	S	97	1	314	Beetle	1971 MY	(2)
93	69	FO	F	302	2	344	Chevelle	1970 GM, 307 CID, 2-bbl.	(2,6)
94		GM	F	350	4	112	Impala	327 CID, 2-bbl.	(1)
95	68	FO	F	302	2	300	Fury	CH, 225 CID, 1-bbl.	(6)
96		GM	F	307	2	299	Dart	CH, 225 CID, 1-bbl.	(6)
97	67-	CH	F	383	2	290	Polara	1966 MY, 318 CID, 2-bbl.	(5)
98		FO	M	289	2	295	Comet	1962 MY, 170 CID, 1-bbl.	(5)
199		FO	F	352		9290	Polara	1966 CH, 318 CID, 2-bbl.	(7)
99		GM	M	230	1	301	Dart	CH, 225 CID, 1-bbl.	(6)
100		GM	F	283	2	9301	Dart	CH, 225 CID, 1-bbl.	(7)
200		VW	S	91		9295	Comet	1962 FO, 170 CID, 1-bbl.	(7)

- Notes: (1) Target Engine II instead of I  
 (2) Different Model Year  
 (3) Lower mileage  
 (4) Higher mileage  
 (5) Different Engine than I or II  
 (6) Different Manufacturer and Engine  
 (7) Clone (no test car was found, results of some other car duplicated and inserted)  
 (8) HC data missing.

ONTARIO SAMPLE 200 10:50 TUESDAY, AUGUST 14, 1984 2  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

OBS	TEST CAR	OWNER	INTER	SP	MANUF	CAR MODEL	MOD	TR	LI	EN	CAR	EMI	HCE	COE	COF	NOE	FCE	COF	CNT			
S	R	R	A	ECIF	JF	DEL	YR	ANSM	RES	TYPE	VAL	SYSTEM	WEIG	WEIG	WEIG	WEIG	WEIG	WEIG	AR			
1	0197	R	250	L	20	DODG-OMNI	82	A3	2.2	135	L4	2	10	AIR	1.60	16.03	336.0	2.27	9.65	0.10	0.30	0
2	0203	R	350	L	20	DODG-DIPLOM	82	A3	3.7	225	L6	1	11	CAT+AIR	1.33	16.15	479.4	1.23	13.32	0.05	0.05	0
3	0196	R	250	L	30	FORD-ESCORT	82	A3	1.6	98	L4	2	7	CAT	2.11	31.14	305.3	2.59	9.43	2.60	2.40	3
4	0195	R	300	L	30	FORD-MUSTAN	82	A3	2.3	140	L4	2	5	CAT	0.36	10.70	415.1	1.38	11.31	0.05	0.05	0
5	0179	R	350	T	30	FORD-GRANAD	82	A3	3.3	200	L6	1	6	CAT+AIR	2.01	64.38	435.6	0.71	14.21	1.40	2.80	3
6	0258	R	250	C	40	CHEV-CHEVET	82	A3	1.6	98	L4	2	12	CAT	1.43	22.13	311.5	1.38	9.18	0.60	0.60	0
7	0305	P	300	C	40	BUIC-SKYLAR	82	A3	2.5	151	L4	2	16	MOD	1.31	9.01	428.9	2.96	11.68	0.20	3.60	0
8	0252	P	300	C	40	OLDS-CIERA	82	A3	2.8	173	V6	2	14	CAT	1.10	10.35	380.1	2.47	10.45	2.40	0.50	0
9	0200	P	350	C	40	OLDS-CUTLAS	82	A3	3.8	231	V6	2	8	CAT	1.68	24.47	458.7	2.20	13.14	1.40	0.15	0
10	0209	P	350	C	40	CHEV-MALIBU	82	A3	4.4	267	V8	2	7	CAT	0.73	8.17	490.7	2.65	13.23	0.05	0.05	0
11	0255	P	400	C	40	BUIC-REGAL	82	A3	4.4	267	V8	2	16	CAT	0.66	7.12	516.8	2.94	13.89	0.05	0.05	0
12	0359	P	375	C	40	OLDS-CUTLAS	82	A3	4.4	267	V8	2	32	CAT	1.49	33.75	606.8	0.91	17.38	1.00	0.05	2
13	0257	R	400	C	40	OLDS-DELTAB	82	A4	5.0	305	V8	4	5	CAT	0.87	1.73	530.8	5.29	14.02	0.05	0.05	4
14	0265	R	400	C	40	OLDS-DELTAB	82	A	5.0	305	V8	4	8	CAT	1.28	5.26	539.2	3.79	14.42	0.05	0.05	4
15	0217	P	275	U	55	DATS-STANZA	82	A3	2.0	120	L4	2	6	CAT+AIR	0.22	3.71	384.1	1.06	10.24	0.05	0.05	0
16	0238	P	225	C	62	MAZD-GLC	82	M5	1.5	91	L4	2	5	CAT+AIR	0.54	6.25	307.6	1.14	8.35	0.05	0.05	0
17	0237	P	225	C	72	TOYO-TERCEL	82	M4	1.5	89	L4	2	9	AIR	2.04	10.37	294.7	2.21	8.28	0.10	0.20	1
18	0360	P	225	C	75	VW -RABBIT	82	M4	1.7	105	L4	0	17	FUEL INJ	2.04	9.42	301.2	2.64	8.49	0.20	0.20	1
19	0362	P	200	C	81	HOND-CIVIC	82	A3	1.3	81	L4	2	18	MOD	1.76	25.28	252.9	1.63	7.88	2.00	3.00	2
20	0184	P	275	T	20	PLYM-RELIAN	81	A3	2.2	135	L4	2	8	AIR	1.90	38.97	319.0	3.00	10.18	0.30	0.30	2
21	0115	P	275		20	PLYM-RELIAN	81	A3	2.6	156	L4	2	4	MOD	1.22	33.79	355.2	4.39	10.90	3.30	1.60	6
22	0239	P	350	T	20	CHRY-CORDOB	81	A3	3.7	225	L6	2	20	CAT+AIR	1.40	18.38	491.6	2.21	13.75	0.05	0.05	0
23	0221	P	225	U	30	MERC-LYNX	81	M4	1.6	98	L4	2	12	CAT+AIR	0.53	3.61	383.1	0.63	10.22	0.05	0.05	0
24	0204	P	350	L	30	MERC-ZEPHYR	81	A3	3.3	200	L6	1	7	CAT+AIR	1.61	29.91	431.5	1.45	12.67	0.05	0.05	2
25	0208	P	300	T	30	MERC-CAPRI	81	M4	3.3	200	L6	1	14	CAT+AIR	0.31	1.62	481.6	1.38	12.67	0.05	0.05	0
26	0202	R	450	L	30	LINC-TOWNCA	81	A3	5.0	302	V8	2	21	CAT+AIR	0.40	19.25	573.1	2.32	15.09	0.05	0.05	0
27	0150	P	250	C	40	CHEV-CHEVET	81	A3	1.6	98	L4	2	7	CAT	0.41	7.65	362.7	3.53	9.87	0.10	0.30	4
28	0229	P	275	C	40	CHEV-CITATI	81	A3	2.5	151	L4	2	14	CAT	1.72	39.73	409.5	1.70	12.48	2.60	0.20	2
29	0130	P	275	C	40	OLDS-OMEGA	81	A3	2.8	173	V6	2	10	CAT+AIR	0.63	13.28	520.1	1.55	14.20	3.30	0.01	0
30	0158	R	350	C	40	OLDS-CUTLAS	81	A3	3.8	231	V6	2	9	CAT	1.12	9.88	424.9	3.29	11.62	0.05	0.20	4
31	0194	P	400	C	40	BUIC-REGAL	81	A3	4.4	267	V8	2	11	CAT	2.32	38.87	542.2	2.85	15.96	2.80	0.10	3
32	0199	P	400	C	40	CHEV-MALIBU	81	A3	4.4	267	V8	2	13	CAT	0.64	2.66	497.3	3.07	13.16	0.05	0.05	0
33	0174	P	400	T	40	BUIC-REGAL	81	A3	4.4	267	V8	2	22	CAT	1.09	13.75	528.5	3.47	14.48	0.03	0.03	4
34	0116	P	450		40	CHEV-IMPALA	81	A3	5.0	305	V8	4	5	CAT	0.83	9.05	585.2	3.47	15.76	0.05	0.05	4
35	0296	P	400	C	40	OLDS-CUTLAS	81	A3	5.0	305	V8	2	22	CAT	0.63	6.73	521.1	3.31	14.28	0.05	0.05	4
36	0364	P	363	C	40	CHEV-MONTEC	81	A3	5.0	305	V8	4	36	CAT	2.75	25.97	465.4	2.83	13.48	0.05	0.05	3
37	0218	P	400	C	40	CHEV-IMPALA	81	A3	5.0	305	V8	4	39	CAT	0.62	4.26	539.1	4.90	14.32	0.05	0.05	4
38	0128	P	400	C	40	OLDS-ROYALB	81	A3	5.0	307	V8	4	4	CAT	1.06	2.50	490.1	4.70	13.01	0.10	0.05	4
39	0151	P	250	C	55	DATS-310GX	81	M5	1.5	91	L4	2	11	AIR	2.10	25.71	285.1	2.38	8.73	6.20	1.40	3
40	0210	P	225	U	62	MAZD-GLC	81	M4	1.5	91	L4	2	21	CAT+AIR	0.40	2.11	337.4	0.67	8.94	2.60	1.80	0
41	0121	P	200	T	72	TOYO-TERCEL	81	A3	1.5	89	L4	2	6	MOD	1.00	16.61	278.1	2.23	8.06	1.60	0.70	0
42	0211	P	200	T	81	HOND-CIVIC	81	A3	1.3	81	L4	2	6	MOD	1.31	12.39	304.4	1.75	8.65	1.80	1.20	0
43	0355	P	313	U	10	AM -CONCOR	80	A3	2.5	151	L4	2	41	CAT+AIR	0.77	4.38	445.7	2.64	11.91	2.00	0.05	0
44	0236	P	350	U	10	AM -CONCOR	80	A3	4.2	258	L6	2	24	CAT+AIR	1.00	16.37	542.6	1.33	14.96	0.05	0.05	0
45	0081	P	225		20	PLYM-HORIZO	80	A3	1.7	105	L4	2	4	AIR	1.77	28.17	321.4	2.78	9.81	0.50	0.50	2
46	0183	P	350	T	20	PLYM-VOLARE	80	A3	3.7	225	L6	1	11	CAT+AIR	3.07	43.62	423.8	2.03	13.13	6.40	0.07	3
47	0365	P	450	L	20	DODG-ASPEN	80	A3	3.7	225	L6	1	74	CAT+AIR	4.09	67.96	458.1	3.13	15.14	5.00	1.10	7
48	0311	P	275	U	30	FORD-PINTO	80	A3	2.3	140	L4	2	26	CAT	1.64	32.50	418.0	1.45	12.37	3.60	0.40	2

ONTARIO SAMPLE 200  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

10:50 TUESDAY, AUGUST 14, 1984 3

OBS	TEST CAR	OWNER	INERTIAL	SPECIFIC	MANUF	CARMODEL	BODY	MODEL	TRANS	LIST	ENGINE	CARB	EMI	HC	CO	CO2	NO	FE	COF	CANT	ONTARIO			
49	0133	P	350		30	FORD-FAIRMO		80	A3	3.3	200	L6	1	12	CAT+AIR	1.71	21.81	385.9	1.53	11.14	0.10	0.05	0	0
50	0103	P	350		30	FORD-THIRD		80	A3	4.2	255	V8	2	10	CAT+AIR	0.71	5.48	516.3	1.09	13.80	0.05	0.05	0	0
51	0352	P	425	C	30	FORD-LTD		80	A3	5.0	302	V8	2	72	CAT+AIR	25.61	247.54	452.0	0.49	24.08	1.40	0.60	3	0
52	0111	P	250	U	40	CHEV-CHEVET		80	A3	1.6	98	L4	2	5	CAT+AIR	0.29	9.11	383.8	1.11	10.46	0.05	0.05	0	0
53	0101	P	275		40	CHEV-CITATI		80	A3	2.5	151	L4	2	11	CAT+AIR	0.24	3.18	410.7	2.11	10.90	0.04	0.04	0	0
54	0214	P	300	U	40	PONT-PHOENI		80	A3	2.5	151	L4	2	31	CAT+AIR	0.39	5.24	524.6	1.59	13.98	0.05	0.05	0	0
55	0175	P	300	C	40	BUIC-SKYLAR		80	A3	2.8	173	V6	2	28	CAT+AIR	0.64	6.19	448.5	1.95	12.04	0.05	0.03	0	0
56	0160	P	350	C	40	PONT-LEMANS		80	A3	3.8	231	V6	2	9	CAT	0.53	7.98	462.6	3.02	12.49	0.02	0.02	0	0
57	0090	R	350		40	OLDS-CUTLAS		80	A3	3.8	231	V6	2	17	CAT+AIR	0.56	4.24	459.6	1.53	12.27	0.05	0.05	0	0
58	0185	P	400	U	40	BUIC-CENTUR	W	80	A3	4.3	265	V8	2	37	CAT+AIR	1.04	8.98	531.3	2.46	14.37	0.05	0.05	0	0
59	0173	P	400	U	40	CHEV-MALIBU		80	A3	4.4	267	V8	2	9	CAT+AIR	0.43	3.14	562.9	1.86	14.91	0.05	0.05	0	0
60	0363	P	450	C	40	CHEV-CAPRIC	W	80	A3	5.0	305	V8	4	67	CAT	3.03	33.72	555.5	3.45	14.25	2.90	0.10	7	3
61	0171	P	400	U	40	PONT-GRPRIX		80	A3	5.0	307	V8	2	31	CAT+AIR	0.95	7.65	578.1	2.07	16.06	0.05	0.05	0	1
62	0178	P	400	U	40	OLDS-DELTAB		80	A3	5.7	350	V8	4	16	CAT+AIR	1.01	10.80	635.7	1.16	17.15	0.05	0.05	0	0
63	0079	B	400		40	OLDS-98		80	A3	5.7	350	V8	4	20	CAT+AIR	1.00	7.43	575.2	1.81	15.44	0.05	0.02	0	0
64	0341	P	225	C	55	DATS-310		80	M4	1.4	85	L4	2	35	AIR	1.88	25.41	320.0	2.31	9.65	5.00	0.80	2	2
65	0235	P	225	T	72	TOYO-TERCEL		80	A3	1.5	89	L4	2	38	MOD	1.52	16.05	293.3	3.76	8.46	1.80	1.40	4	0
66	0373	P	225	C	75	VW -RABBIT		80	M4	1.6	97	L4	0	58	FUEL INJ	2.15	11.81	314.5	2.79	8.96	2.20	1.80	1	4
67	0228	P	200	L	81	HOND-CIVIC		80	M4	1.3	81	L4	3	12	MOD	2.32	14.40	277.1	4.23	8.07	2.20	0.80	5	0
68	0114	P	250	T	20	PLYM-HORIZO		79	A3	1.7	105	L4	2	14	AIR	1.72	43.14	286.9	2.26	9.51	1.20	0.60	2	0
69	0117	P	350	T	20	PLYM-VOLARE		79	A3	3.7	225	L6	1	15	CAT+AIR	1.58	29.95	404.7	3.08	11.97	4.40	0.10	2	2
70	0198	P	400	T	20	PLYM-CARAVE		79	A3	3.7	225	L6	2	26	CAT+AIR	1.05	13.16	478.2	2.08	13.14	0.05	0.05	0	0
71	0099	P	400		20	CHRY-NEUPOR		79	A3	5.2	318	V8	2	33	CAT+AIR	2.18	15.55	534.7	3.43	14.84	0.10	0.10	5	0
72	0084	P	300		30	FORD-FAIRMO		79	A3	3.3	200	L6	1	29	CAT+AIR	1.74	26.63	458.7	1.04	13.25	2.80	0.60	2	2
73	0120	P	400		30	FORD-LTD		79	A3	5.0	302	V8	2	11	CAT+AIR	0.59	18.75	539.1	1.90	14.95	0.05	0.05	0	0
74	0189	P	350	U	30	FORD-MUSTAN		79	M4	5.0	302	V8	2	24	CAT+AIR	1.42	7.05	628.9	2.90	16.86	0.05	0.05	0	0
75	0205	P	450	U	30	MERC-COUGAR		79	A3	5.8	351	V8	2	40	CAT+AIR	2.90	48.15	583.6	5.64	17.44	0.80	0.60	7	0
76	0278	D	250	C	40	PONT-ACADIA		79	A3	1.6	98	L4	1	52	CAT	3.02	43.73	318.1	3.89	10.38	6.00	0.60	7	2
77	0192	P	300	U	40	PONT-SUNBIR		79	A3	3.8	231	V6	2	15	CAT	0.75	8.28	448.8	1.18	12.16	0.05	0.05	0	0
78	0110	P	350	C	40	PONT-LEMANS		79	A3	3.8	231	V6	2	36	CAT+AIR	0.72	8.31	468.1	3.52	12.67	0.05	0.05	4	0
79	0234	P	350	C	40	CHEV-MONTEC		79	A3	4.4	267	V8	2	63	CAT	0.84	11.40	436.5	4.39	11.96	0.05	0.05	4	0
80	0157	P	350	C	40	PONT-LEMANS		79	A3	5.0	305	V8	4	26	CAT	0.81	10.11	544.7	2.88	14.76	0.10	0.60	0	0
81	0134	P	400	C	40	CHEV-CAMARO		79	A3	5.0	305	V8	2	29	CAT	1.53	19.13	486.9	4.20	13.67	0.01	0.02	4	0
82	0166	P	400	C	40	OLDS-CUTLAS		79	A3	5.0	305	V8	2	34	CAT	4.93	81.96	418.4	1.70	14.67	5.20	3.20	3	7
83	0087	P	400		40	CHEV-IMPALA		79	A3	5.0	305	V8	2	41	CAT	1.36	10.25	479.6	3.82	13.10	0.05	0.05	4	0
84	0163	P	450	C	40	PONT-CATALI		79	A3	5.7	350	V8	4	29	CAT	1.48	11.79	594.4	2.56	16.16	0.10	0.05	0	0
85	0298	P	450	C	40	PONT-LAUREN		79	A3	5.7	350	V8	4	39	CAT	2.79	30.43	593.2	2.84	17.00	0.10	0.10	3	0
86	0371	P	450	C	40	PONT-SAFARI	W	79	A3	5.7	350	V8	4	63	CAT	4.89	23.86	641.1	5.05	18.14	1.20	0.70	5	0
87	0317	P	275	-	55	DATS-SX200		79	A3	2.0	119	L4	2	25	AIR	1.97	21.28	382.4	3.18	11.15	0.60	0.40	4	0
88	0297	P	225	C	75	VW -RABBIT		79	M4	1.5	89	L4	0	62	FUEL INJ	1.38	9.42	324.4	2.66	9.03	0.80	0.40	0	0
89	0097	P	225		81	HOND-ACCORD		79	M5	1.6	98	L4	3	29	MOD	2.93	41.72	257.5	1.78	8.80	0.10	2.40	3	4
90	0212	P	350	C	10	AM -CONCOR		78	A3	3.8	232	L6	1	41	MOD	2.54	41.92	455.4	3.67	13.93	1.40	0.10	7	0
91	0294	P	250	L	20	DODG-OMNI		78	A3	1.7	105	L4	2	54	AIR	3.08	69.83	302.7	1.40	11.12	0.30	0.60	3	0
92	0082	P	350		20	DODG-ASPEN		78	A3	3.7	225	L6	1	33	CAT+AIR	1.48	14.96	407.3	3.21	11.41	0.40	0.70	4	0
93	0280	D	350	L	20	DODG-ASPEN		78	A3	3.7	225	L6	1	44	CAT	3.76	60.78	418.3	4.73	13.74	3.60	1.60	7	6
94	0093	P	400		20	DODG-MONACO		78	A3	5.2	318	V8	2	29	CAT+AIR	4.74	38.71	548.2	1.81	16.35	2.70	2.60	3	7
95	0284	P	275	U	30	FORD-PINTO		78	A3	2.3	140	L4	2	73	CAT	2.53	53.61	367.6	4.58	12.02	0.80	0.20	7	0
96	0131	P	300	U	30	FORD-FAIRMO		78	A3	3.3	200	L6	1	35	CAT+AIR	2.44	41.82	417.2	1.01	12.84	3.60	0.05	3	2

ONTARIO SAMPLE 200  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

10:50 TUESDAY, AUGUST 14, 1984 4

OBS	TEST CAR	OWNER	INERTIAL	SPECIFIC	MANUF	CAR MODEL	BO	DO	YR	TR	LI	EN	ARR	MM	IS	CE	CO	CO	NO	FC	CO	CA	ON
S	R	R	A	F	F	L	D	D	R	S	C	T	B	I	S	P	P	P	P	P	I	S	A
97	0125	P	450	U	30	MERC-COUGAR	78	A3	5.0	302	V8	2	32	CAT+AIR	2.04	20.96	666.7	0.63	18.48	0.05	0.10	1	0
98	0159	P	450	U	30	FORD-THIRD	78	A3	5.8	351	V8	2	29	CAT+AIR	2.63	14.38	588.3	2.25	16.23	0.50	0.50	1	0
99	0078	P	225		40	PONT-ACADIA	78	A3	1.6	98	L4	1	5	CAT	0.95	15.31	348.9	1.76	9.86	0.05	0.05	0	0
100	0164	P	350	T	40	PONT-LEMANS	78	A3	3.3	200	V6	2	45	CAT	3.35	58.25	406.9	3.57	13.31	6.80	1.20	7	7
101	0109	P	350	U	40	OLDS-CUTLAS	78	A3	3.8	231	V6	2	76	CAT	2.44	45.98	408.5	3.14	12.79	3.30	0.10	7	2
102	0022	B	400		40	CHEV-IMPALA	78	A3	5.0	305	V8	2	30	CAT	1.94	20.85	522.7	3.62	14.72	0.01	0.01	4	0
103	0167	P	400	T	40	PONT-PHOENI	78	A3	5.0	305	V8	1	37	CAT	4.39	61.69	453.8	2.84	14.76	4.60	2.40	3	7
104	0206	P	450	L	40	PONT-PARISI	78	A3	5.0	305	V8	2	43	CAT	1.57	16.67	548.5	4.13	15.16	0.05	0.05	4	0
105	0275	D	400	U	40	CHEV-MALIBU	78	A3	5.0	305	V8	2	73	CAT	6.14	77.79	507.2	2.03	17.04	4.20	1.00	3	3
106	0165	P	400	T	40	PONT-PARISI	78	A3	5.7	350	V8	4	41	CAT	3.58	52.10	539.7	3.29	16.54	4.40	2.20	7	6
107	0361	P	400	U	40	OLDS-DELTA8	78	A3	5.7	350	V8	4	82	CAT	3.82	52.79	542.0	3.42	16.66	3.90	0.40	7	3
108	0030	D	275		56	FIAT-MIRAFI	78	M4	1.8	107	L4	2	31	AIR	2.28	35.10	389.9	1.17	11.93	0.60	0.30	3	0
109	0306	P	225		72	TOYO-COROLL	78	M4	1.6	97	L4	2	44	MOD	8.05	140.09	237.7	0.65	12.60	3.40	0.20	3	2
110	0096	P	225		75	VW -RABBIT	78	M5	1.6	97	L4	0	24	FUEL INJ	2.23	8.39	320.3	1.83	8.97	0.80	0.10	1	0
111	0126	P	200	T	81	HOND-CIVIC	78	M4	1.2	76	L4	2	28	MOD	4.86	43.05	242.9	1.89	8.63	3.60	4.00	3	7
112	0080	P	350		20	PLYM-VOLARE	77	A3	3.7	225	L6	1	31	MOD	3.46	55.40	389.0	4.66	12.86	3.40	0.40	7	2
113	0172	P	400	T	20	DODG-ASPEN	77	A3	3.7	225	L6	2	34	CAT+AIR	2.13	26.27	467.5	7.20	13.49	2.80	1.10	7	6
114	0289	P	400		20	DODG-ASPEN	77	A3	5.2	318	V8	2	67	MOD	4.60	92.95	613.9	3.18	20.37	3.80	1.00	7	2
115	0251	P	500	T	20	PLYM-GRFURY	77	A3	5.9	360	V8	2	58	MOD-DEF	4.10	49.81	573.0	5.59	17.49	2.20	0.40	7	2
116	0181	P	300	U	30	FORD-PINTO	77	M4	2.3	140	L4	2	39	CAT+AIR	2.33	11.88	384.6	3.79	10.74	0.05	0.05	5	0
117	0129	P	350	U	30	MERC-	77	A3	4.1	250	L6	1	35	CAT+AIR	1.45	6.84	481.0	1.59	13.00	0.10	0.40	0	0
118	0076	P	400		30	FORD-LTD2	77	A3	5.0	302	V8	2	33	CAT+AIR	2.80	25.80	589.9	0.87	16.74	0.10	0.05	3	0
119	0033	D	500		30	FORD-LTD2	77	A3	5.8	351	V8	2	39	CAT+AIR	1.10	9.44	636.2	1.23	17.14	0.10	0.05	0	0
120	0262	P	350		40	CHEV-NOVA	77	A3	4.1	250	L6	1	77	CAT	3.12	50.35	420.3	4.33	13.33	6.00	0.10	7	3
121	0083	P	400		40	PONT-PARISI	77	A3	5.0	305	V8	2	35	CAT	0.80	6.77	484.4	2.08	13.03	0.30	0.30	0	0
122	0135	P	400	T	40	CHEV-IMPALA	77	A3	5.0	305	V8	2	44	CAT	2.40	25.79	467.4	2.31	13.49	3.60	0.05	3	3
123	0168	P	400	T	40	CHEV-CAMARO	77	A3	5.0	305	V8	1	62	CAT	4.45	51.91	451.9	2.48	14.31	5.80	2.40	3	7
124	0367	P	400	U	40	OLDS-CUTLAS	77	A3	5.7	350	V8	4	63	CAT	5.02	100.48	529.1	0.51	18.41	2.60	3.00	3	7
125	0281	D	450	U	40	OLDS-CUTLAS	77	A3	5.7	350	V8	4	94	CAT	2.63	15.36	617.6	1.29	16.99	0.40	0.20	1	0
126	0177	P	450	T	40	CHEV-IMPALA	77	A3	5.7	350	V8	4	106	CAT	3.03	55.85	578.2	3.72	17.63	2.60	0.05	7	2
127	0162	P	450		40	PONT-GRPRIX	77	A3	6.6	400	V8	4	72	CAT	2.86	33.02	529.7	1.84	15.43	2.80	0.60	3	3
128	0310	P	250	C	55	DATS-B210	77	M4	1.4	85	L4	2	55	AIR-DEF	4.13	27.00	259.0	2.33	8.26	4.80	2.60	3	7
129	0028	D	225		81	HOND-CIVIC	W 77	A2	1.5	91	L4	3	28	MOD	2.82	42.08	291.2	2.12	9.68	1.40	2.10	3	4
130	0213	P	350	T	10	AM -PACER	76	A3	4.2	258	L6	1	44	MOD	2.27	61.15	512.6	1.49	16.23	5.10	1.20	3	6
131	0102	P	350		20	PLYM-VOLARE	76	A3	3.7	225	L6	1	58	MOD	2.89	55.44	384.3	2.36	12.67	5.70	2.00	3	6
132	0232	P	450	L	20	PLYM-FURY	76	A3	5.2	318	V8	2	63	AIR	2.91	21.94	624.0	5.03	17.55	0.30	0.10	5	0
133	0309	P	450	L	20	DODG-ASPEN	W 76	A3	5.9	360	V8	2	108	CAT	6.33	109.81	582.0	2.57	20.23	6.40	0.20	3	3
134	0086	P	300		30	FORD-MUSTA2	76	A3	2.3	140	L4	2	64	CAT+AIR	1.70	13.14	428.8	3.64	11.91	0.90	1.10	4	0
135	0268	P	400	U	30	FORD-GRANAD	76	A3	5.0	302	V8	2	58	CAT+AIR	3.79	51.33	601.3	2.43	18.13	0.60	0.10	3	0
136	0161	P	400	U	30	MERC-MONARC	76	A3	5.8	351	V8	2	69	CAT-AIR	4.76	84.44	501.5	3.81	16.96	6.20	1.60	7	7
137	0274	D	250		40	CHEV-CHEVET	76	A3	1.6	98	L4	1	97	CAT	4.93	109.61	285.9	1.11	12.58	8.60	4.60	3	7
138	0191	P	400	U	40	CHEV-CAMARO	76	A3	4.1	250	L6	1	50	CAT	2.67	50.54	496.2	5.45	15.25	3.20	0.10	7	3
139	0077	P	400		40	PONT-GLÉMAN	76	A3	5.7	350	V8	2	36	CAT	2.32	64.35	529.5	1.63	16.71	0.05	0.30	3	0
140	0005	B	500		40	CHEV-BELAIR	76	A3	5.7	350	V8	2	49	AIR	2.06	31.93	683.8	3.25	19.55	0.10	0.10	7	0
141	0106	P	450		40	PONT-GRPRIX	76	A3	5.7	350	V8	2	76	CAT	3.80	45.25	604.0	3.86	18.00	2.40	0.05	7	3
142	0152	P	450	U	40	OLDS-CUTLAS	76	A3	5.7	350	V8	4	88	CAT	2.16	24.08	558.0	1.63	15.78	0.05	0.05	1	0
143	0176	P	550	U	40	PONT-SAFARI	W 76	A3	6.6	400	V8	2	36	CAT	2.27	46.73	685.7	3.75	20.04	5.20	0.05	7	2
144	0267	P	250	U	55	DATS-B210	76	A3	1.4	85	L4	2	88	AIR-DEF	3.36	45.00	267.2	2.72	9.19	5.70	1.20	3	2

ONTARIO SAMPLE 200  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

10:50 TUESDAY, AUGUST 14, 1984

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OBS	TEST CAR	OWNER	INERTIA	SPM EFF	CAR MODEL	MOYR	TRM	LTRE	EVGT	CARRVNT	MMISLYESTGEM	HCEPWIG	COEPWIG	COEPWIG	NOEPWIG	FCEPWIGE	COFASTID	ONATANAR				
145	0223	P	200	L	81	HOND-CIVIC	76	M4	1.2	76	L4	2	57	MOD	3.76	40.38	233.3	1.16	8.10	6.40	3.00	3.7
146	0215	P	350		10	AM -PACER	75	M4	3.8	232	L6	1	69	CAT-AIR	1.96	8.65	549.7	7.11	14.81	0.05	0.05	4.0
147	0132	P	350	T	20	DODG-DART	75	A3	3.7	225	L6	1	73	MOD	3.25	45.35	391.1	2.32	12.46	6.80	2.00	3.6
148	0124	P	400	T	20	DODG-CORONE	75	A3	5.2	318	V8	2	38	MOD	2.92	30.68	616.7	3.55	17.93	2.50	0.20	7.2
149	0253	P	500	T	20	PLYM-FURY	75	A3	5.2	318	V8	2	93	MOD-DEF	4.12	35.49	723.7	6.59	20.88	1.80	0.80	7.0
150	0312	P	275	U	30	FORD-PINTO	75	A3	2.3	140	L4	2	130	CAT	2.90	49.31	409.9	2.77	12.96	8.40	1.40	3.2
151	0231	P	500	C	30	FORD-CUSTOM	75	A3	5.8	351	V8	2	48	AIR	2.90	44.38	731.7	4.44	21.32	1.30	0.20	7.0
152	0318	P	500	C	30	MERC-RIDEAU	75	A3	6.6	400	V8	4	138	AIR-DEF	1.95	38.79	810.6	4.41	23.12	1.60	0.20	6.0
153	0122	P	400		40	CHEV-NOVA	75	M3	4.1	250	L6	2	50	CAT	2.32	22.74	522.8	1.92	14.79	.	.	1.
154	0186	P	400	U	40	CHEV-CAMARO	75	A3	5.7	350	V8	2	41	CAT	3.64	82.02	550.3	1.89	18.04	0.05	3.80	3.4
155	0094	P	450		40	BUIC-CENTUR	75	A3	5.7	350	V8	.	52	CAT	2.82	76.62	565.6	2.73	18.18	4.80	0.10	3.2
156	0242	P	400	U	40	BUIC-CENTUR	75	A3	5.7	350	V8	2	105	CAT	8.19	167.64	529.8	2.82	21.42	9.00	1.00	3.3
157	0019	B	450		40	CHEV-BISCAY	75	A3	6.6	400	V8	4	81	MOD	2.85	21.06	688.4	2.48	19.30	0.10	0.10	1.0
158	0240	P	250	U	55	DATS-B210	75	A3	1.4	85	L4	2	82	AIR	4.52	77.35	295.8	2.25	11.36	6.30	5.10	3.6
159	0219	P	275	L	72	TOYO-COROLL	75	A3	1.6	97	L4	2	91	AIR	2.08	18.07	326.7	5.07	9.55	1.20	1.00	5.0
160	0190	P	350	U	10	AM -HORNET	74	M4	3.8	232	L6	1	78	MOD	33.47	44.44	429.6	4.07	15.96	4.10	0.35	7.3
161	0207	P	350	U	20	DODG-DUSTER	74	A3	3.7	225	L6	1	62	MOD-DEF	2.53	38.71	409.7	5.73	12.61	9.20	2.40	6.6
162	0319	P	450	U	20	DODG-CORONE	74	A3	5.2	318	V8	2	103	MOD	6.30	86.31	589.2	4.15	19.48	5.60	1.20	7.6
163	0233	P	350	U	30	MERC-COMET	74	A3	4.1	250	L6	1	53	MOD-DEF	10.55	29.28	486.6	5.95	14.97	3.50	0.90	7.3
164	0271	D	450	U	30	MERC-COUGAR	74	A3	5.8	351	V8	2	124	AIR	1.91	15.45	805.7	2.88	22.06	0.20	0.10	0.0
165	0026	D	400	U	40	PONT-FIREBI	74	A3	5.7	350	V8	2	25	MOD	3.20	25.17	678.2	1.39	19.20	2.00	0.50	1.1
166	0100	P	400	U	40	CHEV-CHEVEL	74	A3	5.7	350	V8	2	59	AIR	1.70	43.74	606.9	2.68	17.93	1.15	0.20	2.0
167	0224	P	450	U	40	OLDS-CUTLAS	74	A3	5.7	350	V8	4	113	MOD-DEF	8.36	69.86	549.7	4.81	18.10	4.40	0.35	7.3
168	0154	P	450	U	40	PONT-GRPRIX	74	A3	6.6	400	V8	4	66	MOD	2.91	31.36	607.6	5.30	17.55	2.40	0.05	6.1
169	0293	P	225	U	72	TOYO-COROLL	74	M4	1.6	97	L4	2	126	MOD	5.60	26.36	276.0	2.15	8.79	0.20	3.40	1.5
170	0180	P	225	U	75	VW -BEETLE	74	M4	1.6	97	L4	1	36	MOD	4.73	39.87	302.8	3.41	9.91	3.20	5.60	7.4
171	0291	P	350	U	20	DODG-DJSTER	73	A3	5.2	318	V8	2	59	MOD	5.45	134.84	538.3	1.20	20.23	2.50	1.80	3.4
172	0241	P	450	U	20	DODG-MONACO	73	A3	6.6	400	V8	4	81	MOD	4.05	74.98	642.5	4.93	20.35	3.80	0.80	7.2
173	0350	P	450	U	30	FORD-MONTEG	73	A3	5.8	351	V8	2	136	MOD	3.83	61.28	611.1	4.80	18.95	6.00	2.80	7.6
174	0220	P	275	U	40	PONT-ASTRE	73	A3	2.3	140	L4	2	69	AIR	2.57	49.81	321.1	3.53	10.75	2.50	2.60	6.0
175	0247	P	450	U	40	BUIC-CENTUR	73	A3	5.7	350	V8	2	66	AIR-DEF	.	170.80	522.7	2.79	20.67	2.00	0.60	2.0
176	0089	P	450	U	40	PONT-LEMANS	73	A3	5.7	350	V8	2	73	AIR	2.68	61.35	618.3	4.05	19.07	1.60	0.30	6.0
177	0025	D	275	U	55	DATS-PL610	73	A3	1.8	108	L4	1	62	MOD	3.39	34.53	309.2	2.97	9.91	2.60	3.10	3.4
178	0283	P	275	U	72	TOYO-CELICA	73	M4	2.0	120	L4	2	80	MOD	3.93	52.35	329.0	4.51	11.13	3.40	2.60	7.4
179	0230	P	450	U	30	FORD-CJSTOM	72	A3	5.8	351	V8	2	122	MOD	8.59	58.26	683.7	3.78	21.15	2.00	0.80	3.1
180	0098	P	400	U	40	CHEV-MONTEC	72	A3	5.7	350	V8	2	77	MOD	3.24	56.92	539.0	3.61	16.84	3.70	2.20	3.6
181	0187	P	350	U	40	PONT-LEMANS	72	A2	5.7	350	V8	2	89	MOD-DEF	3.57	48.04	524.0	3.62	16.06	7.00	1.20	3.2
182	0324	P	400	U	40	PONT-LEMANS	72	A3	5.7	350	V8	2	89	MOD	4.53	85.78	597.1	1.87	19.71	2.00	1.00	3.0
183	0266	P	500	U	40	PONT-LAUREN	72	A3	5.7	350	V8	2	107	MOD-DEF	2.81	48.01	680.9	3.23	20.16	3.80	1.20	2.6
184	0246	P	225	U	72	TOYO-COROLL	72	M4	1.6	97	L4	2	77	MOD	.	21.57	325.4	2.08	9.46	0.60	0.40	0.0
185	0333	P	500	U	20	PLYM-SJBURB	71	A3	5.2	318	V8	2	128	MOD	2.97	41.44	601.2	5.47	17.80	0.85	0.80	6.0
186	0336	P	350	U	30	FORD-MJSTAN	71	A3	5.0	302	V8	2	93	MOD	2.86	52.36	538.2	3.62	16.56	5.20	1.40	2.2
187	0245	P	550	U	40	CHEV-KINGSW	71	A3	5.7	350	V8	2	160	MOD-DEF	32.94	76.11	607.2	3.61	21.94	2.60	7.00	3.5
188	0314	P	225	U	75	VW -BEETLE	71	M4	1.6	97	L4	1	104	MOD	13.27	109.84	342.3	1.05	14.68	3.20	2.80	3.4
189	0332	P	350	U	20	DODG-DART	70	A3	5.2	318	V8	2	89	MOD	4.58	70.95	481.3	4.15	15.97	4.80	1.40	7.2
190	0344	P	400	U	40	CHEV-CHEVEL	70	A3	5.0	307	V8	2	154	MOD	4.07	30.89	525.4	3.86	15.50	4.20	1.50	0.2
191	0338	P	450	U	40	CHEV-IMPALA	70	A3	5.7	350	V8	4	150	MOD	5.25	82.45	552.3	2.09	18.22	3.40	1.00	3.3
192	0112	P	450	U	40	CHEV-IMPALA	69	A3	5.4	327	V8	2	52	MOD	5.75	74.38	520.6	3.70	17.33	2.55	1.45	2.0

ONTARIO SAMPLE 200  
LISTING OF CAR AND TEST DATA- SORTED BY MODEL,YR,MANUF,CID,MILEAGE

10:50 TUESDAY, AUGUST 14, 1984 6

OBS	TEST CAR	OWNER	INERTIAL	SPENCER	MAINF	CARMODEL	MODEL	YEAR	MAKE	MODEL	YEAR	MANUFACT	CID	MILEAGE	HP	COE	CO2E	NOEP	FCEP	COF	CON		
193	0300	P	400	U	20	PLYM-FURY	68	A3	3.7	225	L6	1	128	400-500T	59.17	114.17	296.9	0.38	17.45	6.80	3.8	3	6
194	0299	P	350	U	20	DODG-DART	68	A3	3.7	225	L6	1	163	400	6.54	147.32	359.3	1.86	16.16	9.99	4.6	3	6
195	9301	P	350	-	20	DODG-DART	67	A3	3.7	225	L6	1	100	PCV	4.05	95.04	459.3	5.93	16.33	6.40	4.8	6	6
196	0301	P	350	-	20	DODG-DART	67	A3	3.7	225	L6	1	100	PCV	4.05	95.04	459.3	5.93	16.33	6.40	4.8	6	6
197	9290	P	450	U	20	DODG-POLARA	66	A3	5.2	318	V8	2	179	PCV	7.59	144.76	598.0	4.01	22.40	5.40	1.2	2	2
198	0290	P	450	U	20	DODG-POLARA	66	A3	5.2	318	V8	2	179	PCV	7.59	144.76	598.0	4.01	22.40	5.40	1.2	2	2
199	9295	P	300	-	30	MERC-COMET	62	A3	2.8	170	L6	1	131	NONE	4.61	44.26	336.1	2.75	11.04	4.80	5.8	0	4
200	0295	P	300	-	30	MERC-COMET	62	A3	2.8	170	L6	1	131	NONE	4.61	44.26	336.1	2.75	11.04	4.80	5.8	0	4

Table 9.2- 2B

**Fleet B (Ontario Sample - 200)**  
**Sample Characteristics - Part A**

		74 & OLDER MODEL YEAR										75 & NEWER MODEL YEAR						ALL MY
MODEL YEAR		62 67	68 69	70 71	72 73	74 75	76 77	78 79	80 81	82								
MANUFACTURER																		
10	AMC	-	-	-	-	-	1	1	1	1	-	1	-	2	-	-	6	
20	CHRY	4	2	-	1	1	-	2	2	3	3	4	4	4	3	3	2	38
30	FORD	2	-	-	-	1	1	1	2	3	3	4	4	4	4	4	3	36
40	GMC	-	-	1	2	1	4	3	4	5	7	8	9	11	12	12	9	88
55	DATS	-	-	-	-	-	1	-	1	1	1	-	1	1	1	1	1	8
72	TOYO	-	-	-	-	-	1	1	1	1	-	-	1	-	1	1	1	8
75	VW	-	-	-	-	1	-	-	1	-	-	-	1	1	1	-	1	6
81	HOND	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	7
	OTHERS	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	3
ALL MANUF.		6	2	1	3	4	6	8	11	14	16	18	22	22	25	23	19	200
CID GROUP																		
51 - 140		-	-	-	-	1	1	3	2	3	4	3	7	5	7	7	9	52
141 - 250		4	2	-	-	-	-	-	3	3	2	4	6	5	9	7	5	50
251 - 360		2	-	1	3	3	5	4	5	6	9	10	9	12	9	9	5	92
361 - 470		-	-	-	-	-	-	1	1	2	1	1	-	-	-	-	-	6
CYLINDERS																		
4		-	-	-	-	1	1	3	2	3	4	3	7	5	10	9	10	58
6		4	2	-	-	-	-	-	3	3	3	4	6	5	7	5	4	46
8		2	-	1	3	3	5	5	6	8	9	11	9	12	8	9	5	96
MILEAGE (000's)																		
0 - 10		-	-	-	-	-	-	-	-	-	-	-	1	-	5	10	11	27
11 - 20		-	-	-	-	-	-	-	-	-	-	-	-	4	7	7	7	25
21 - 40		-	-	-	-	-	-	-	2	1	2	8	10	13	8	6	1	51
41 - 60		-	-	1	-	-	-	1	2	4	6	3	7	2	2	-	-	28
61 - 100		2	-	-	1	1	4	6	3	6	7	6	4	3	3	-	-	46
101 - 200		4	2	-	2	3	2	1	4	3	1	1	-	-	-	-	-	23
INERTIA (LBS)																		
2000 - 3000		2	-	-	-	1	1	3	2	3	4	3	8	7	10	11	11	66
3001 - 4000		2	2	-	2	1	3	1	5	6	6	10	11	11	12	10	8	90
4001 - 5000		2	-	1	1	1	2	4	4	5	5	5	3	4	3	2	-	42
5001 - 6000		-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	2

Table 9.2 - 2B (cont'd)

**Fleet B (Ontario Sample - 200)**  
**Sample Characteristics - Part B**

	74 & OLDER MODEL YEAR										75 & NEWER MODEL YEAR						ALL MY
MODEL YEAR	62 67	68 69	70 71	72 73	74 75	76 77	78 79	80 81	82								
OWNER																	
PRIVATE	6	2	1	3	4	6	7	9	13	14	15	18	21	23	21	11	174
DEALER	-	-	-	-	-	-	1	2	-	1	3	3	1	-	-	-	11
RENTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	8	11
GOVERNMENT	-	-	-	-	-	-	-	-	1	1	-	1	-	1	-	-	4
EMISSION SYST.																	
MODIF	-	2	1	3	4	6	5	9	4	3	4	3	1	2	3	2	52
AIR INJ	-	-	-	-	-	-	3	2	4	3	1	2	2	2	2	2	23
FUEL INJ	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	4
CAT	-	-	-	-	-	-	-	-	5	7	8	11	10	3	11	10	65
CAT + AIR	-	-	-	-	-	-	-	-	1	3	5	5	8	17	7	4	50
NONE	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
SPECIFICATION																	
U.S. (EPA)	2	2	1	3	4	6	8	11	4	6	4	7	3	9	2	1	73
CANADA	-	-	-	-	-	-	-	-	2	-	1	1	10	6	11	13	44
LABEL ONLY	-	-	-	-	-	-	-	-	4	4	5	7	3	4	8	5	40
NOT AVAIL	4	-	-	-	-	-	-	-	4	6	8	7	6	6	2	-	43
CANADA STAND.																	
0 PASSED	2	-	-	1	-	1	-	1	-	-	3	1	7	15	9	11	51
1 FAIL HC	-	-	-	-	-	-	-	2	2	1	1	3	-	1	-	2	12
2 FAIL CO	2	-	1	-	1	1	1	1	-	-	-	-	3	3	3	2	18
3 FAIL HC,CO	-	2	-	1	2	4	2	-	6	8	7	8	3	2	3	2	50
4 FAIL NO	-	-	-	-	-	-	-	-	1	1	-	3	5	1	7	2	20
5 FAIL HC,NO	-	-	-	-	-	-	-	-	1	1	1	-	2	1	-	-	6
6 FAIL CO,NO	2	-	-	-	1	-	2	2	1	-	-	-	-	-	1	-	9
7 FAIL ALL	-	-	-	1	-	-	3	5	3	5	6	7	2	2	-	-	34
ONTARIO STAND.																	
0 PASSED	-	-	1	-	1	2	3	2	7	6	6	11	17	17	17	14	104
1 FAIL HC-ID	-	-	-	-	-	1	-	2	-	-	-	-	-	2	-	-	5
2 FAIL CO-ID	2	-	-	2	1	1	1	-	3	2	4	3	3	2	4	1	29
3 FAIL 1 & 2	-	-	-	1	-	-	-	3	1	3	3	2	-	2	-	-	15
4 FAIL CO-FI	2	-	-	-	1	-	3	1	1	-	1	-	1	1	-	3	14
5 FAIL 1 & 4	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	2
6 FAIL 2 & 4	2	2	-	-	-	2	1	2	2	2	1	2	-	-	2	1	19
7 FAIL ALL	-	-	-	-	-	-	-	-	-	3	3	4	1	1	-	-	12
TOTAL CARS	6	2	1	3	4	6	8	11	14	16	18	22	22	25	23	19	200

Table 9.2 - 2C

Characteristics of OS-200 vs. Target List 200  
(by MY groups and MANUF)

Model Year	Target List 200 (Cars)	OS 200 (Cars)	Diff. (Cars)	Model Year	Target List 200 (Cars)	OS 200 (Cars)	Diff. (Cars)
MY				MY			

## (a) BY MODEL YEAR

1982	18	19	+1	1974	11	11	
1981	25	23	-2	73	7	8	+1
1980	24	25	+1	72	6	6	
1979	22	22		71	4	4	
1978	21	22	+1	70	3	3	
1977	19	18	-1	69	2	1	-1
1976	16	16		68	2	2	
1975	14	14		62/67	6	6*	
				All	200	200	0

## (b) BY MANUFACTURER

AMC	6	6	
CHRY	33	38	+5
FORD	40	36	-4
CMC	88	88	
DATS	8	8	
TOYO	9	8	-1
VW	7	6	-1
HONDA	7	7	
Other	2	3	+1
All	200	200	0

Note: \* Includes 3 clones (#9290, #9295, #9301).

ONTARIO SAMPLE 200  
SIMPLE STATISTICS

10:50 TUESDAY, AUGUST 14, 1984 1

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PROB>ITI
INERTIA	200	354.880	83.554	200.000	550.000	5.908	70976.000	6981.282	23.544	60.07	0.0001
MODELYR	200	77.230	3.899	62.000	82.000	0.276	15446.000	15.203	5.049	280.11	0.0001
CIO	200	238.925	97.924	76.000	400.000	6.924	47785.000	9589.145	40.985	34.51	0.0001
MILEAGE	200	50.365	39.241	4.000	179.000	2.775	10073.000	1539.821	77.912	18.15	0.0001
HCEPWETG	198	3.403	5.625	0.220	59.170	0.400	673.760	31.637	165.293	8.51	0.0001
COEPWEIG	200	39.459	36.517	1.620	247.540	2.582	7891.710	1333.525	92.546	15.28	0.0001
COZEPWEI	200	470.995	121.468	233.300	810.600	8.589	94199.000	14754.507	25.790	54.84	0.0001
NOEPWEIG	200	2.854	1.382	0.380	7.200	0.098	570.840	1.909	48.412	29.21	0.0001
FCEPWEIG	200	14.255	3.686	7.880	24.080	0.261	2851.070	13.583	25.854	54.70	0.0001
COIDLE	199	2.232	2.362	0.010	9.990	0.167	444.200	5.580	105.826	13.33	0.0001
COFASTID	199	0.965	1.352	0.010	7.000	0.096	191.950	1.828	140.176	10.06	0.0001
HCEPCOLD	198	4.514	5.417	0.490	48.500	0.385	893.750	29.346	120.012	11.72	0.0001
HCEPSTAR	198	3.307	6.865	0.110	78.880	0.488	654.830	47.126	207.572	6.78	0.0001
HCEPHOT	198	2.740	3.962	0.120	29.910	0.282	542.470	15.696	144.605	9.73	0.0001
HCTBHOT	197	2.678	3.781	0.130	30.470	0.269	527.620	14.293	141.156	9.94	0.0001
HCTBSTAB	197	3.097	5.660	0.080	55.570	0.403	610.190	32.032	182.722	7.68	0.0001
COEPCOLD	200	53.298	41.802	3.040	241.510	2.956	10659.590	1747.371	78.430	18.03	0.0001
COEPSTAR	200	38.903	42.699	0.120	274.940	3.019	7780.600	1823.183	109.757	12.88	0.0001
COEPHOT	200	29.882	28.787	0.340	218.720	2.036	5976.410	828.672	96.334	14.68	0.0001
COTBHOT	198	30.777	33.739	0.320	289.690	2.398	6093.860	1138.317	109.624	12.84	0.0001
COTBSTAB	198	39.854	50.404	0.080	451.520	3.582	7891.020	2540.519	126.472	11.13	0.0001
NOEPCOLD	200	3.300	1.595	0.320	7.980	0.113	660.040	2.543	48.324	29.26	0.0001
NOEPSTAR	200	2.405	1.285	0.140	6.950	0.091	480.930	1.652	53.451	26.46	0.0001
NOEPHOT	200	3.403	1.758	0.460	8.500	0.124	680.520	3.091	51.667	27.37	0.0001
NOTBHOT	198	3.401	1.788	0.090	9.770	0.127	673.420	3.196	52.565	26.77	0.0001
NOTBSTAB	198	2.373	1.269	0.210	6.790	0.090	469.900	1.610	53.473	26.31	0.0001
FCEPCOLD	200	15.032	3.923	7.640	24.940	0.277	3006.450	15.387	26.095	54.20	0.0001
FCEPSTAR	200	14.698	3.966	7.850	25.910	0.280	2939.570	15.731	26.985	52.41	0.0001
FCEPHOT	200	12.924	3.183	7.240	22.070	0.225	2584.850	10.134	24.631	57.42	0.0001
FCTBHOT	198	12.904	3.302	6.660	22.740	0.235	2555.020	10.906	25.592	54.98	0.0001
FCTBSTAB	198	14.404	4.058	1.370	30.970	0.288	2852.000	16.466	28.172	49.95	0.0001

TAB. 9.2 - 3

APP. D 14

ONTARIO SAMPLE 200  
SIMPLE STATISTICS  
MODEL=82

10:50 TUESDAY, AUGUST 14, 1984 7

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	19	303.947	66.804	200.000	400.000	15.326	5775.000	4462.719	21.979	19.83	0.0001
MODEL=82	19	82.000	0.000	82.000	82.000	0.000	1558.000	0.000	0.000	.	.
CID	19	176.211	78.846	81.000	305.000	18.089	3348.000	6216.731	44.745	9.74	0.0001
MILEAGE	19	11.158	6.661	5.000	32.000	1.528	212.000	44.363	59.693	7.30	0.0001
HCEPWEIG	19	1.293	0.594	0.220	2.110	0.136	24.560	0.352	45.919	9.49	0.0001
COEPWEIG	19	16.601	14.837	1.730	64.340	3.404	315.420	220.145	89.376	4.88	0.0001
VOEPWEIG	19	2.182	1.124	0.710	5.290	0.258	41.450	1.263	51.520	8.46	0.0001
FCEPWEIG	19	11.503	2.685	7.880	17.380	0.616	218.550	7.211	23.346	18.67	0.0001
COIDLE	19	0.653	0.876	0.050	2.600	0.201	12.400	0.768	134.297	3.25	0.0045
COFASTID	19	0.747	1.197	0.050	3.600	0.275	14.200	1.432	160.105	2.72	0.0140

MODEL=81

INERTIA	23	324.478	80.181	200.000	450.000	16.719	7463.000	6428.988	24.711	19.41	0.0001
MODEL=81	23	81.000	0.000	81.000	81.000	0.000	1863.000	0.000	0.000	.	.
CID	23	202.130	85.611	81.000	307.000	17.851	4649.000	7329.300	42.354	11.32	0.0001
MILEAGE	23	14.000	9.482	4.000	39.000	1.977	322.000	89.909	67.729	7.08	0.0001
HCEPWEIG	23	1.130	0.674	0.310	2.750	0.141	26.000	0.454	59.630	8.04	0.0001
COEPWEIG	23	16.377	12.879	1.620	39.730	2.685	376.680	165.860	78.637	6.10	0.0001
VOEPWEIG	23	2.656	1.171	0.630	4.900	0.244	61.080	1.371	44.086	10.88	0.0001
FCEPWEIG	23	12.282	2.403	8.060	15.960	0.501	282.480	5.774	19.565	24.51	0.0001
COIDLE	23	1.099	1.648	0.030	6.200	0.344	25.280	2.715	149.915	3.20	0.0042
COFASTID	23	0.365	0.561	0.010	1.800	0.117	8.390	0.315	153.836	3.12	0.0050

MODEL=80

INERTIA	25	329.520	76.447	200.000	450.000	15.289	8238.000	5844.093	23.199	21.55	0.0001
MODEL=80	25	80.000	0.000	80.000	80.000	0.000	2000.000	0.000	0.000	.	.
CID	25	203.680	85.900	81.000	350.000	17.180	5092.000	7378.810	42.174	11.86	0.0001
MILEAGE	25	27.920	20.896	4.000	74.000	4.179	698.000	436.660	74.844	6.68	0.0001
HCEPWEIG	25	2.334	4.946	0.240	25.610	0.989	58.350	24.467	211.927	2.36	0.0268
COEPWEIG	25	25.726	48.667	3.140	247.540	9.733	643.160	2368.431	189.170	2.64	0.0142
VOEPWEIG	25	2.147	0.912	0.490	4.230	0.182	53.680	0.831	42.452	11.78	0.0001
FCEPWEIG	25	13.032	3.371	8.070	24.080	0.674	325.800	11.361	25.864	19.33	0.0001
COIDLE	25	1.348	1.893	0.020	6.400	0.379	33.710	3.585	140.423	3.56	0.0016
COFASTID	25	0.329	0.491	0.020	1.800	0.098	8.230	0.242	149.284	3.35	0.0027

MODEL=79

INERTIA	22	353.409	74.520	225.000	450.000	15.888	7775.000	5553.301	21.086	22.24	0.0001
MODEL=79	22	79.000	0.000	79.000	79.000	0.000	1738.000	0.000	0.000	.	.
CID	22	246.864	91.857	89.000	351.000	19.584	5431.000	8437.742	37.210	12.61	0.0001
MILEAGE	22	33.409	15.364	11.000	63.000	3.276	735.000	236.063	45.988	10.20	0.0001
HCEPWEIG	22	1.935	1.215	0.590	4.930	0.259	42.580	1.477	62.791	7.47	0.0001
COEPWEIG	22	24.275	18.290	7.050	81.960	3.899	534.050	334.515	75.344	6.23	0.0001
VOEPWEIG	22	2.999	1.191	1.040	5.640	0.254	65.980	1.419	39.719	11.81	0.0001
FCEPWEIG	22	13.437	2.719	8.800	18.140	0.580	295.610	7.393	20.236	23.18	0.0001
COIDLE	22	1.085	1.812	0.010	6.000	0.386	23.860	3.283	167.075	2.81	0.0106
COFASTID	22	0.492	0.797	0.020	3.200	0.170	10.820	0.635	162.049	2.89	0.0087

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INERTIA	22	339.773	80.423	200.000	450.000	17.146	7475.000	6467.803	23.670	19.82	0.0001
MODEL7R	22	78.000	0.000	78.000	78.000	0.000	1716.000	0.000	0.000	.	.
CID	22	223.818	96.425	76.000	351.000	20.558	4924.000	9297.870	43.082	10.89	0.0001
MILEAGE	22	42.227	19.009	5.000	82.000	4.053	929.000	361.327	45.015	10.42	0.0001
HCEPWEIG	22	3.220	1.652	0.950	8.050	0.352	70.840	2.731	51.318	9.14	0.0001
COEPWEIG	22	44.774	29.121	8.390	140.090	6.209	985.030	848.024	65.039	7.21	0.0001
NOEPWEIG	22	2.574	1.241	0.630	4.730	0.265	56.630	1.540	48.217	9.73	0.0001
FCEPWEIG	22	13.595	2.690	8.630	18.480	0.574	299.090	7.237	19.788	23.70	0.0001
COIDLE	22	2.230	1.987	0.010	6.800	0.424	49.060	3.949	89.115	5.26	0.0001
COFASTID	22	0.816	1.085	0.010	4.000	0.231	17.960	1.177	132.917	3.53	0.0020

MODEL7R=77

INERTIA	18	387.500	74.877	225.000	500.000	17.649	6975.000	5606.618	19.323	21.96	0.0001
MODEL7R	18	77.000	0.000	77.000	77.000	0.000	1386.000	0.000	0.000	.	.
CID	18	275.667	92.419	85.000	400.000	21.783	4962.000	8541.294	33.526	12.65	0.0001
MILEAGE	18	54.000	22.760	28.000	106.000	5.364	972.000	518.000	42.147	10.07	0.0001
HCEPWEIG	18	2.957	1.190	0.800	5.020	0.280	53.230	1.416	40.238	10.54	0.0001
COEPWEIG	18	38.167	27.208	6.770	100.480	6.413	687.000	740.255	71.286	5.95	0.0001
NOEPWEIG	18	2.840	1.758	0.510	7.200	0.414	51.120	3.090	61.896	6.85	0.0001
FCEPWEIG	18	14.577	3.202	8.260	20.370	0.755	262.390	10.252	21.965	19.32	0.0001
COIDLE	18	2.381	1.969	0.050	6.000	0.464	42.850	3.877	82.716	5.13	0.0001
COFASTID	18	0.825	0.997	0.050	3.000	0.235	14.850	0.993	120.788	3.51	0.0027

MODEL7R=76

INERTIA	16	384.375	96.123	200.000	550.000	24.031	6150.000	9239.583	25.008	16.00	0.0001
MODEL7R	16	76.000	0.000	76.000	76.000	0.000	1216.000	0.000	0.000	.	.
CID	16	266.438	109.909	76.000	400.000	27.477	4263.000	12079.996	41.251	9.70	0.0001
MILEAGE	16	65.063	21.352	36.000	108.000	5.338	1041.000	455.929	32.818	12.19	0.0001
HCEPWEIG	16	3.249	1.260	1.700	6.330	0.315	51.980	1.589	38.797	10.31	0.0001
COEPWEIG	16	53.445	28.028	13.140	109.810	7.007	855.120	785.594	52.444	7.63	0.0001
NOEPWEIG	16	2.868	1.323	1.110	5.450	0.331	45.890	1.751	46.136	8.67	0.0001
FCEPWEIG	16	15.555	3.697	8.100	20.230	0.924	248.880	13.665	23.765	16.83	0.0001
COIDLE	16	3.556	2.913	0.050	8.600	0.728	56.900	8.485	81.909	4.88	0.0002
COFASTID	16	0.984	1.303	0.050	4.600	0.326	15.750	1.699	132.411	3.02	0.0086

MODEL7R=75

INERTIA	14	392.857	84.597	250.000	500.000	22.609	5500.000	7156.593	21.534	17.38	0.0001
MODEL7R	14	75.000	0.000	75.000	75.000	0.000	1050.000	0.000	0.000	.	.
CID	14	276.143	106.902	85.000	400.000	28.571	3866.000	11427.978	38.712	9.67	0.0001
MILEAGE	14	77.929	31.485	38.000	138.000	8.415	1091.000	991.302	40.402	9.26	0.0001
HCEPWEIG	14	3.316	1.597	1.950	8.190	0.427	46.420	2.550	48.162	7.77	0.0001
COEPWEIG	14	51.296	40.545	8.650	167.640	10.836	718.150	1643.900	79.041	4.73	0.0004
NOEPWEIG	14	3.596	1.694	1.890	7.110	0.453	50.350	2.869	47.100	7.94	0.0001
FCEPWEIG	14	16.866	4.234	9.550	23.120	1.131	236.120	17.924	25.102	14.91	0.0001
COIDLE	13	3.377	3.259	0.050	9.000	0.904	43.900	10.623	96.517	3.74	0.0028
COFASTID	13	1.227	1.571	0.050	5.100	0.436	15.950	2.469	128.058	2.82	0.0156

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INERTIA	11	372.727	84.005	225.000	450.000	25.328	4100.000	7056.818	22.538	14.72	0.0001
MODEL7R	11	74.000	0.000	74.000	74.000	0.000	814.000	0.000	0.000	.	.
CID	11	274.545	104.146	97.000	400.000	31.401	3020.000	10846.473	37.934	8.74	0.0001
MILEAGE	11	16.818	34.948	25.000	126.000	10.537	845.000	1221.364	45.494	7.29	0.0001
HCEPWEIG	11	7.387	9.090	1.700	33.470	2.741	81.260	82.621	123.044	2.70	0.0225
COEPWEIG	11	40.959	20.639	15.450	86.310	6.223	450.550	425.975	50.390	6.58	0.0001
NOEPWEIG	11	3.865	1.502	1.390	5.950	0.453	42.520	2.255	38.848	8.54	0.0001
FCEPWEIG	11	16.051	4.138	8.790	22.060	1.248	176.560	17.121	25.779	12.87	0.0001
COIDLE	11	3.268	2.614	0.200	9.200	0.788	35.950	6.833	79.984	4.15	0.0020
COFASTID	11	1.368	1.757	0.050	5.600	0.530	15.050	3.089	128.452	2.58	0.0273

MODEL7R=73

INERTIA	8	371.875	87.052	275.000	450.000	30.778	2975.000	7578.125	23.409	12.08	0.0001
MODEL7R	8	73.000	0.000	73.000	73.000	0.000	584.000	0.000	0.000	.	.
CID	8	267.125	121.974	108.000	400.000	43.124	2137.000	14877.554	45.662	6.19	0.0004
MILEAGE	8	78.250	24.621	59.000	136.000	8.705	626.000	606.214	31.465	8.99	0.0001
HCEPWEIG	7	3.700	0.972	2.570	5.450	0.367	25.900	0.945	26.269	10.07	0.0001
COEPWEIG	8	79.992	47.387	34.530	170.800	16.754	639.940	2245.572	59.240	4.77	0.0020
NOEPWEIG	8	3.597	1.257	1.200	4.930	0.444	28.780	1.580	34.936	8.10	0.0001
FCEPWEIG	8	16.382	4.840	9.910	20.670	1.711	131.060	23.421	29.541	9.57	0.0001
COIDLE	8	3.050	1.384	1.600	6.000	0.489	24.400	1.914	45.363	6.24	0.0004
COFASTID	8	1.825	1.112	0.300	3.100	0.393	14.600	1.236	60.929	4.64	0.0024

MODEL7R=72

INERTIA	6	387.500	94.538	225.000	500.000	38.595	2325.000	8937.500	24.397	10.04	0.0002
MODEL7R	6	72.000	0.000	72.000	72.000	0.000	432.000	0.000	0.000	.	.
CID	6	308.000	103.369	97.000	351.000	42.200	1848.000	10685.200	33.561	7.30	0.0008
MILEAGE	6	93.500	17.774	77.000	122.000	7.256	561.000	315.900	19.009	12.89	0.0001
HCEPWEIG	5	4.548	2.347	2.810	8.590	1.049	22.740	5.507	51.596	4.33	0.0123
COEPWEIG	6	53.097	20.760	21.570	85.780	8.475	318.580	430.971	39.098	6.26	0.0015
NOEPWEIG	6	3.032	0.841	1.870	3.780	0.343	18.190	0.707	27.735	8.83	0.0003
FCEPWEIG	6	17.230	4.289	9.460	21.150	1.751	103.380	18.399	24.895	9.84	0.0002
COIDLE	6	3.183	2.222	0.600	7.000	0.907	19.100	4.938	69.804	3.51	0.0171
COFASTID	6	1.133	0.602	0.400	2.200	0.246	6.800	0.363	53.137	4.61	0.0058

MODEL7R=71

INERTIA	4	406.250	147.726	225.000	550.000	73.863	1625.000	21822.917	36.363	5.50	0.0118
MODEL7R	4	71.000	0.000	71.000	71.000	0.000	284.000	0.000	0.000	.	.
CID	4	266.750	114.913	97.000	350.000	57.456	1067.000	13204.917	43.079	4.64	0.0188
MILEAGE	4	121.250	29.680	93.000	160.000	14.840	485.000	880.917	24.479	8.17	0.0038
HCEPWEIG	4	13.010	14.155	2.860	32.940	7.078	52.040	200.366	108.801	1.84	0.1633
COEPWEIG	4	69.937	30.284	41.440	109.840	15.142	279.750	917.128	43.302	4.62	0.0191
NOEPWEIG	4	3.437	1.816	1.050	5.470	0.908	13.750	3.298	52.831	3.79	0.0323
FCEPWEIG	4	17.745	3.077	14.680	21.940	1.538	70.900	9.466	17.339	11.53	0.0014
COIDLE	4	2.962	1.794	0.850	5.200	0.897	11.850	3.219	60.562	3.30	0.0457
COFASTID	4	3.000	2.795	0.800	7.000	1.398	12.000	7.813	93.174	2.15	0.1211

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	3	400.000	50.000	350.000	450.000	28.868	1200.000	2500.000	12.500	13.86	0.0052
MODEL YR	3	70.000	0.000	70.000	70.000	0.000	210.000	0.000	0.000	.	.
CID	3	325.000	22.338	307.000	350.000	12.897	975.000	499.000	6.873	25.20	0.0016
MILEAGE	3	131.000	36.428	89.000	154.000	21.032	393.000	1327.000	27.808	6.23	0.0248
HCEPWEIG	3	4.633	0.592	4.070	5.250	0.342	13.900	0.350	12.773	13.56	0.0054
COEPWEIG	3	61.430	27.066	30.890	82.450	15.627	184.290	732.581	44.060	3.93	0.0590
NOEPWEIG	3	3.367	1.115	2.090	4.150	0.644	10.100	1.243	33.122	5.23	0.0347
FCEPWEIG	3	16.563	1.454	15.500	18.220	0.839	49.690	2.114	8.777	19.73	0.0026
COIDLE	3	4.133	0.702	3.400	4.800	0.406	12.400	0.493	16.993	10.19	0.0095
COFASTID	3	1.300	0.265	1.000	1.500	0.153	3.900	0.070	20.352	8.51	0.0135

MODEL YR=69

INERTIA	1	450.000	.	450.000	450.000	.	450.000	.	.	.	.
MODEL YR	1	69.000	.	69.000	69.000	.	69.000	.	.	.	.
CID	1	327.000	.	327.000	327.000	.	327.000	.	.	.	.
MILEAGE	1	52.000	.	52.000	52.000	.	52.000	.	.	.	.
HCEPWEIG	1	5.750	.	5.750	5.750	.	5.750	.	.	.	.
COEPWEIG	1	74.380	.	74.380	74.380	.	74.380	.	.	.	.
NOEPWEIG	1	3.700	.	3.700	3.700	.	3.700	.	.	.	.
FCEPWEIG	1	17.330	.	17.330	17.330	.	17.330	.	.	.	.
COIDLE	1	2.550	.	2.550	2.550	.	2.550	.	.	.	.
COFASTID	1	1.450	.	1.450	1.450	.	1.450	.	.	.	.

MODEL YR=68

INERTIA	2	375.000	35.355	350.000	400.000	25.000	750.000	1250.000	9.428	15.00	0.0424
MODEL YR	2	68.000	0.000	68.000	68.000	0.000	136.000	0.000	0.000	.	.
CID	2	225.000	0.000	225.000	225.000	0.000	450.000	0.000	0.000	.	.
MILEAGE	2	145.500	24.749	128.000	163.000	17.500	291.000	612.500	17.009	8.31	0.0762
HCEPWEIG	2	32.855	37.215	6.540	59.170	26.315	65.710	1384.958	113.271	1.25	0.4299
COEPWEIG	2	130.745	23.441	114.170	147.320	16.575	261.490	549.461	17.928	7.89	0.0803
NOEPWEIG	2	1.120	1.047	0.380	1.860	0.740	2.240	1.095	93.439	1.51	0.3717
FCEPWEIG	2	16.805	0.912	16.160	17.450	0.645	33.610	0.832	5.428	26.05	0.0244
COIDLE	2	8.395	2.256	6.800	9.990	1.595	16.790	5.088	26.869	5.26	0.1195
COFASTID	2	4.200	0.566	3.800	4.600	0.400	8.400	0.320	13.469	10.50	0.0604

MODEL YR=67

INERTIA	2	350.000	0	350.000	350.000	0	700.000	0	0.000	.	.
MODEL YR	2	67.000	0	67.000	67.000	0	134.000	0	0.000	.	.
CID	2	225.000	0	225.000	225.000	0	450.000	0	0.000	.	.
MILEAGE	2	100.000	0	100.000	100.000	0	200.000	0	0.000	.	.
HCEPWEIG	2	4.050	0	4.050	4.050	0	8.100	0	0.000	.	.
COEPWEIG	2	95.040	0	95.040	95.040	0	190.080	0	0.000	.	.
NOEPWEIG	2	5.930	0	5.930	5.930	0	11.860	0	0.000	.	.
FCEPWEIG	2	16.330	0	16.330	16.330	0	32.660	0	0.000	.	.
COIDLE	2	6.400	0	6.400	6.400	0	12.800	0	0.000	.	.
COFASTID	2	4.800	0	4.800	4.800	0	9.600	0	0.000	.	.

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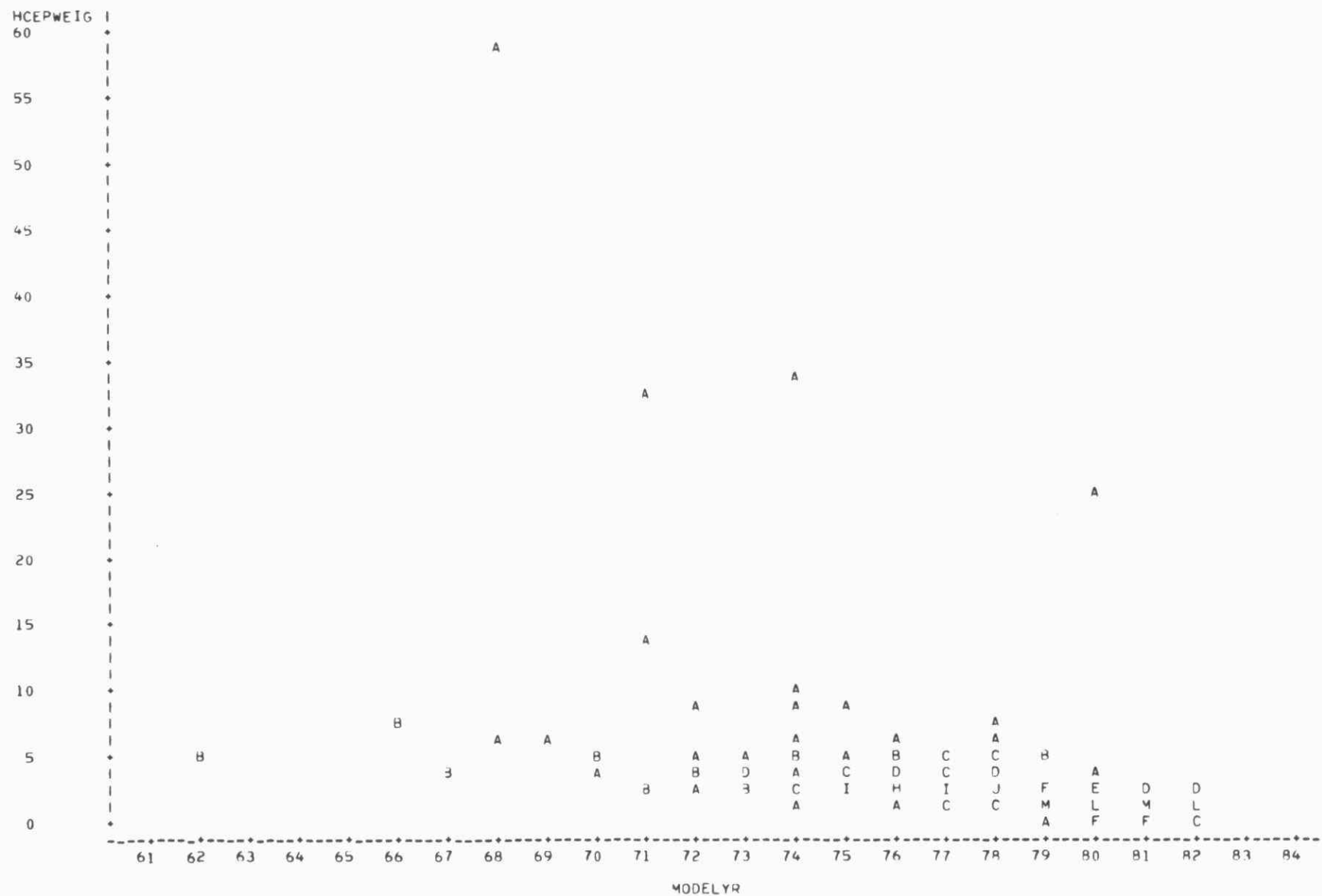
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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR>ITI
INERTIA	2	450.000	0	450.000	450.000	0	900.000	0	0.000	.	.
MODEL YR	2	66.000	0	66.000	66.000	0	132.000	0	0.000	.	.
CID	2	318.000	0	318.000	318.000	0	636.000	0	0.000	.	.
MILEAGE	2	179.000	0	179.000	179.000	0	358.000	0	0.000	.	.
HCEPWEIG	2	7.590	0	7.590	7.590	0	15.180	0	0.000	.	.
COEPWEIG	2	144.760	0	144.760	144.760	0	289.520	0	0.000	.	.
NOEPWEIG	2	4.010	0	4.010	4.010	0	8.020	0	0.000	.	.
FCEPWEIG	2	22.400	0	22.400	22.400	0	44.800	0	0.000	.	.
COIDLE	2	5.400	0	5.400	5.400	0	10.800	0	0.000	.	.
COFASTID	2	1.200	0	1.200	1.200	0	2.400	0	0.000	.	.

MODEL YR=62

INERTIA	2	300.000	0	300.000	300.000	0	600.000	0	0.000	.	.
MODEL YR	2	62.000	0	62.000	62.000	0	124.000	0	0.000	.	.
CID	2	170.000	0	170.000	170.000	0	340.000	0	0.000	.	.
MILEAGE	2	131.000	0	131.000	131.000	0	262.000	0	0.000	.	.
HCEPWEIG	2	4.610	0	4.610	4.610	0	9.220	0	0.000	.	.
COEPWEIG	2	44.260	0	44.260	44.260	0	88.520	0	0.000	.	.
NOEPWEIG	2	2.750	0	2.750	2.750	0	5.500	0	0.000	.	.
FCEPWEIG	2	11.040	0	11.040	11.040	0	22.080	0	0.000	.	.
COIDLE	2	4.800	0	4.800	4.800	0	9.600	0	0.000	.	.
COFASTID	2	5.800	0	5.800	5.800	0	11.600	0	0.000	.	.

PLOT OF HCEPWEIG\*MODELYR LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 2 OBS HAD MISSING VALUES

ONTARIO SAMPLE 200  
 PLOT OF COEPWEIG\*MODELYR      LEGEND: A = 1 OBS, B = 2 OBS, ETC.

10:14 THURSDAY, AUGUST 16, 1984      3

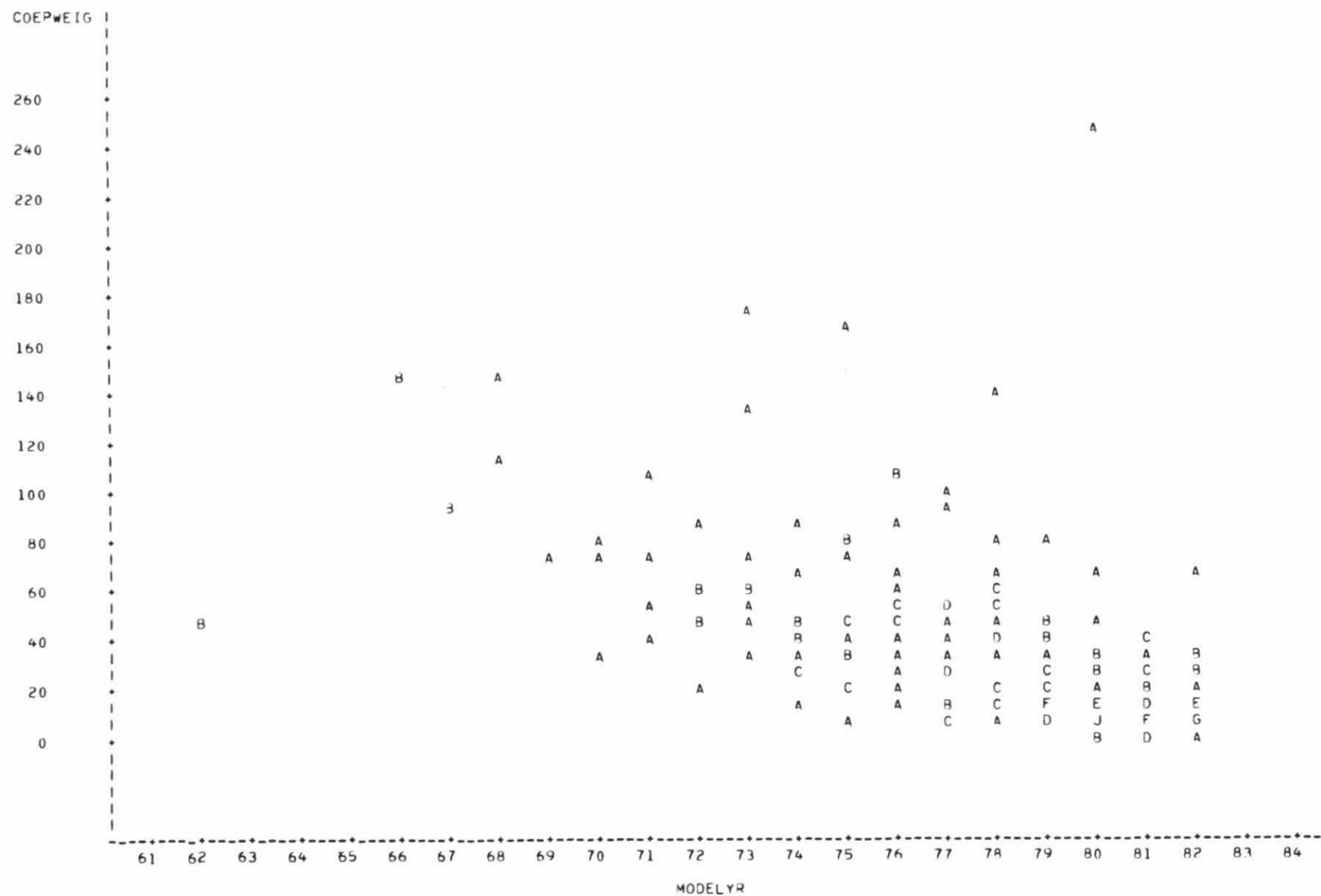


FIG. 9.2 - 2

PLOT OF NOEPWEIG\*MODELYR LEGEND: A = 1 OBS, B = 2 OBS, ETC.

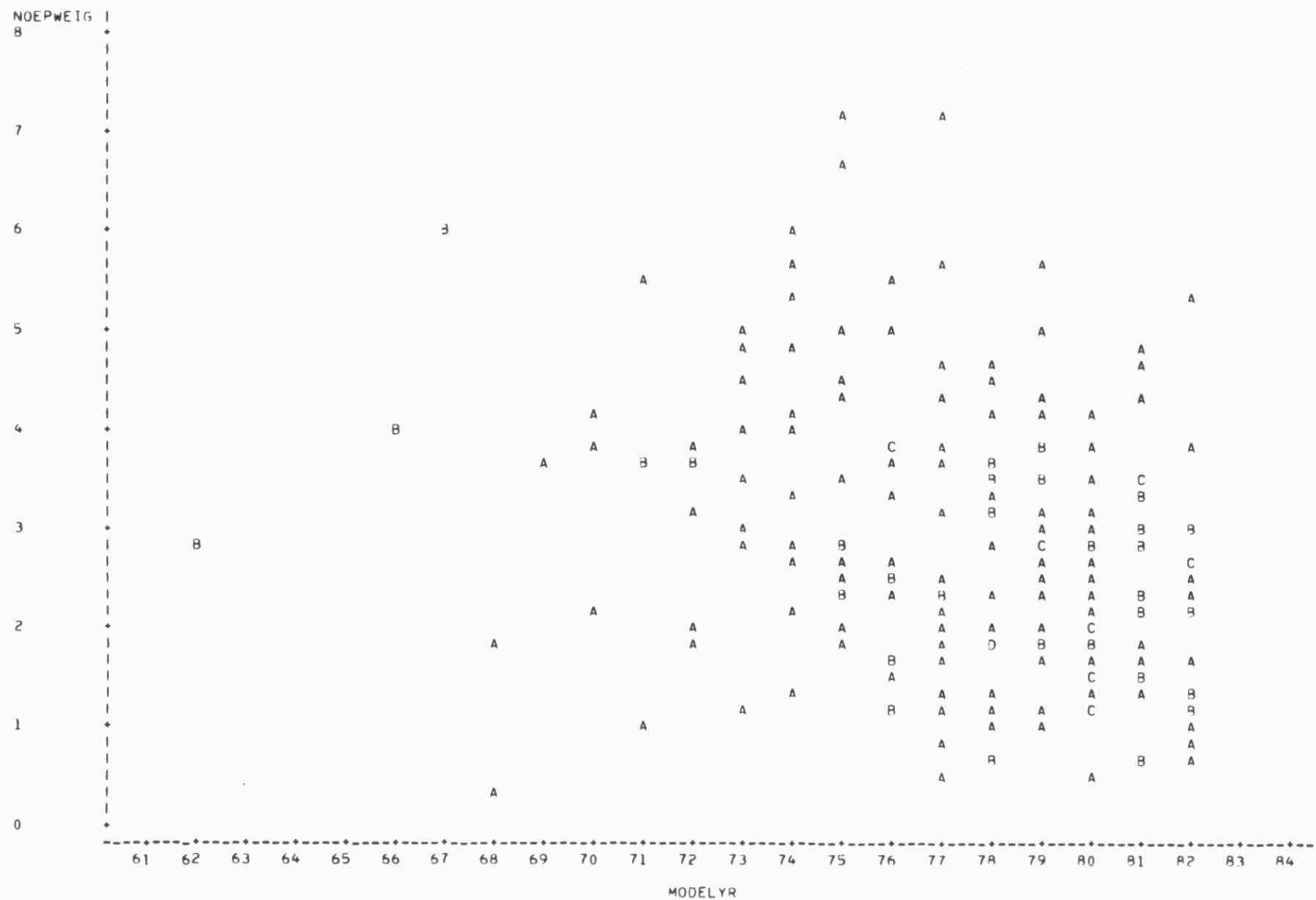


FIG. 9.2 - 3

PLOT OF FCEPWEIG\*MODELYR LEGEND: A = 1 OBS., B = 2 OBS., ETC.

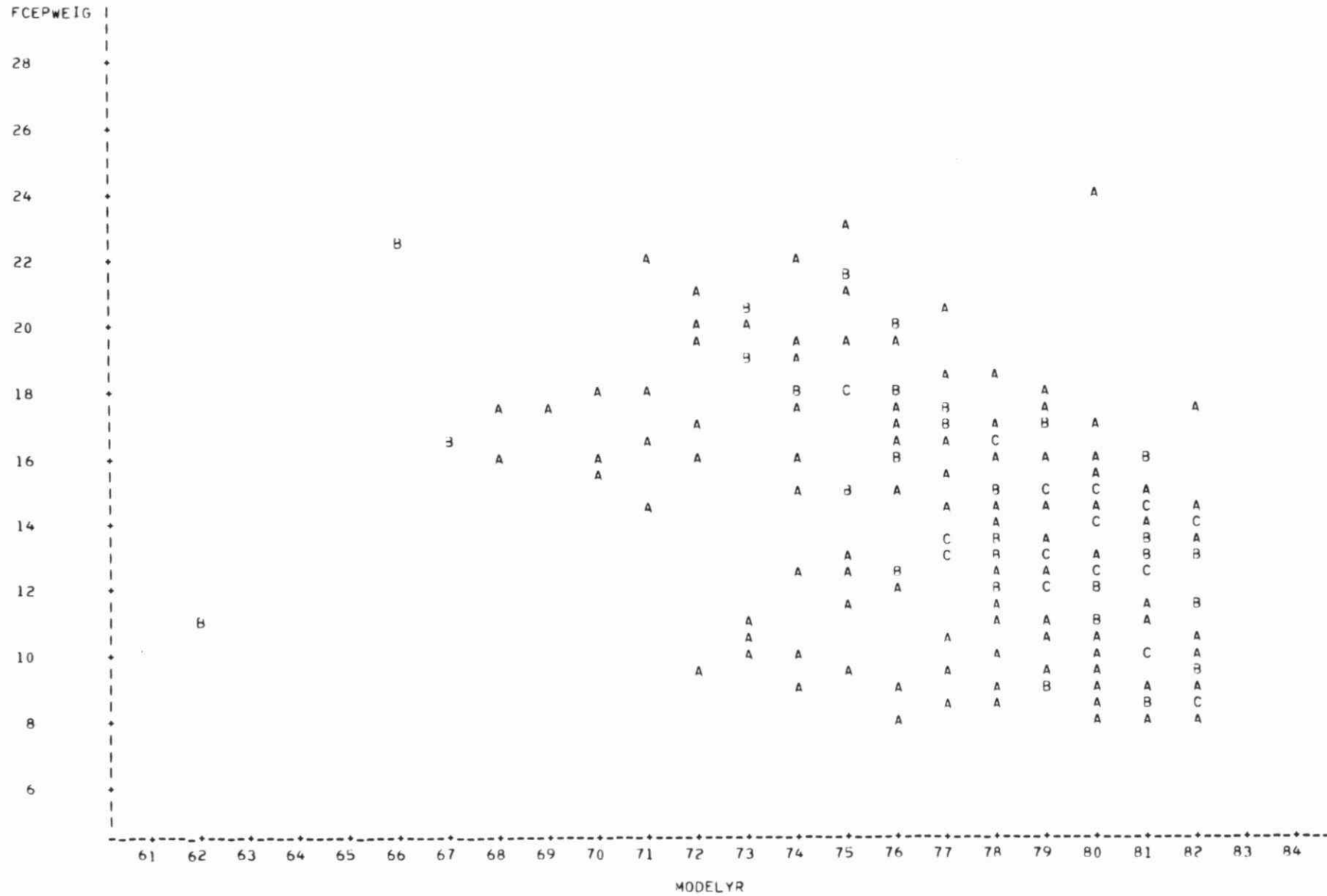
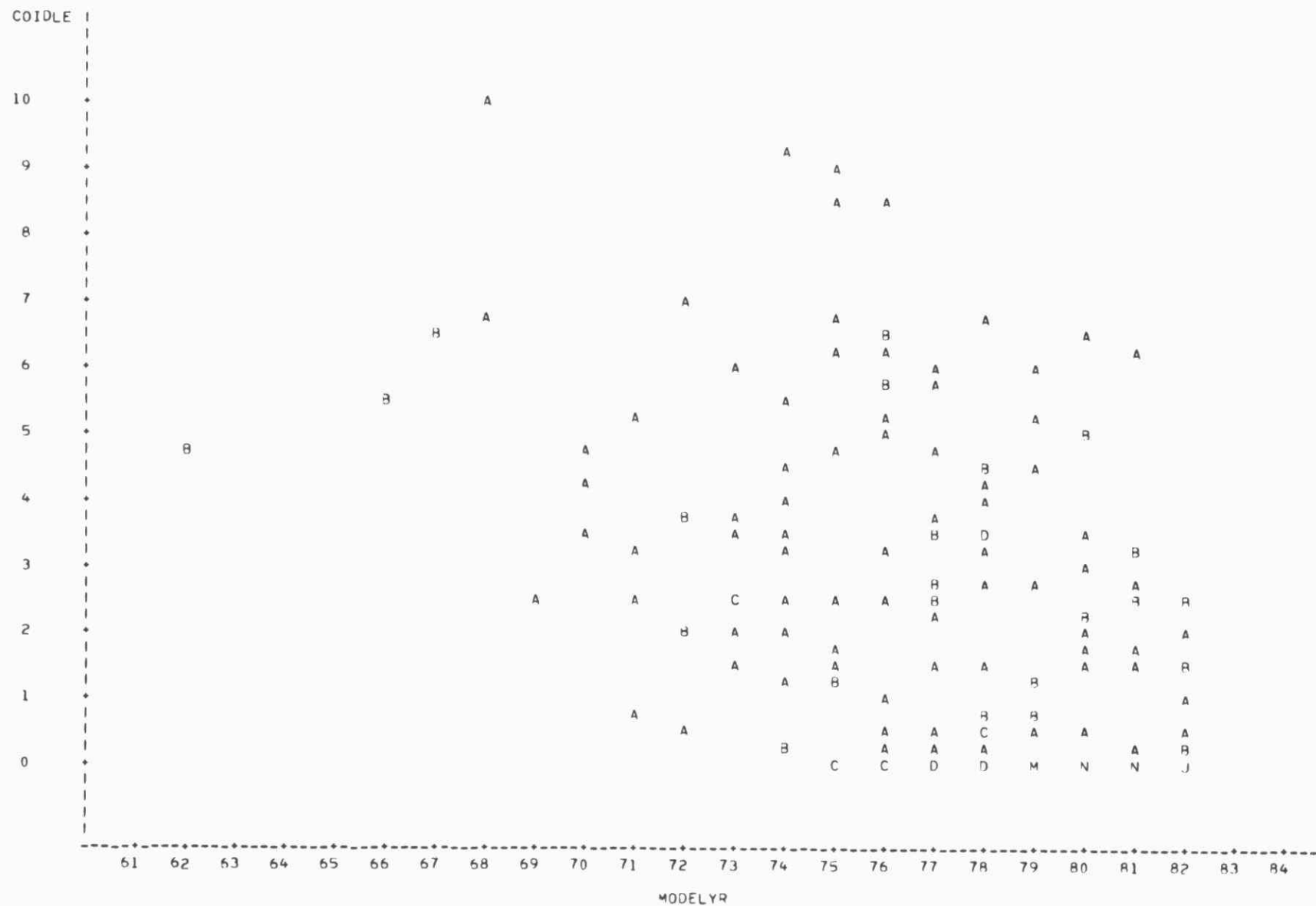


FIG. 9.2 - 4

PLOT OF COIDLE\*MODELYR LEGEND: A = 1 OBS, B = 2 OBS, ETC.

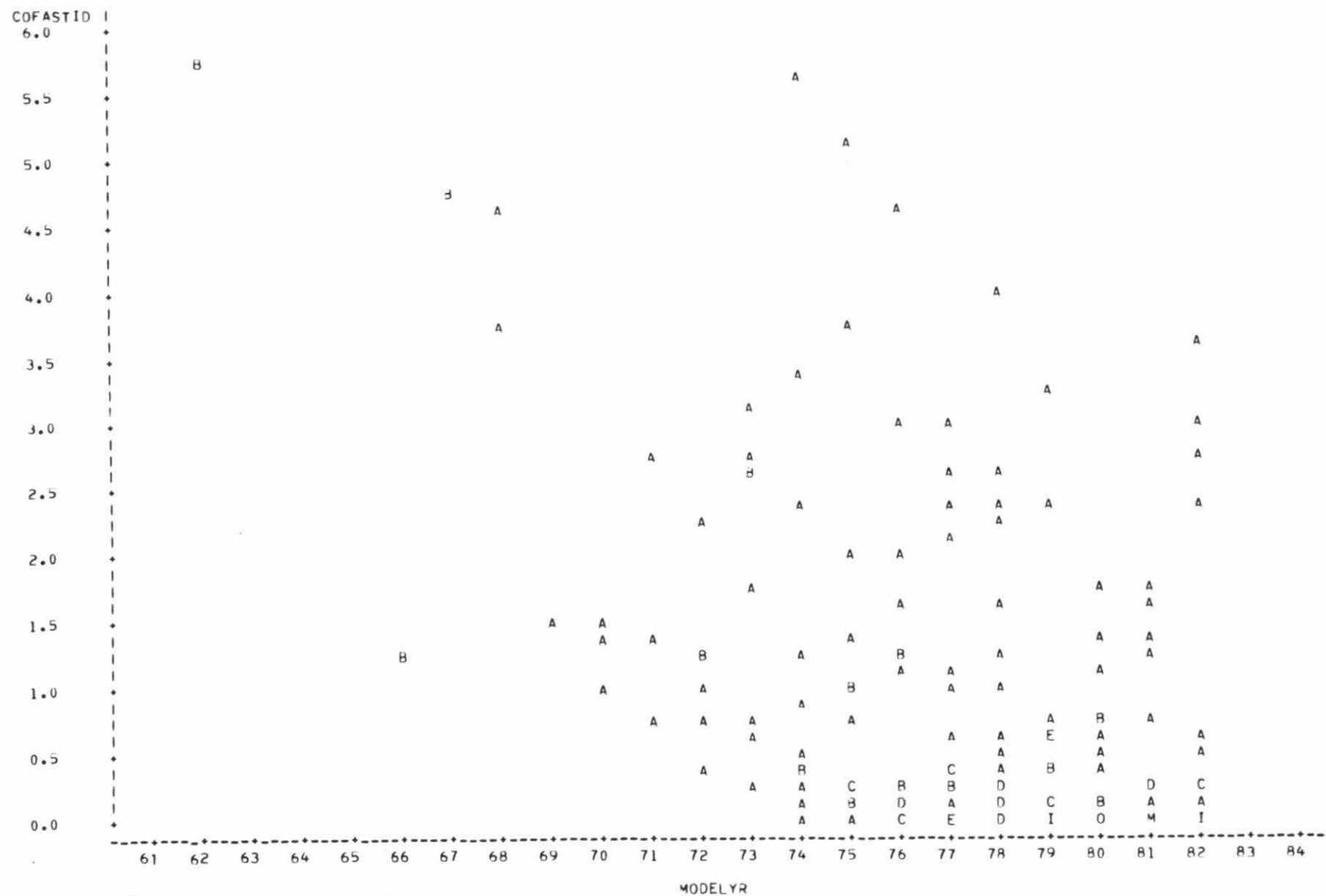


NOTE: 1 OBS HAD MISSING VALUES

ONTARIO SAMPLE 200

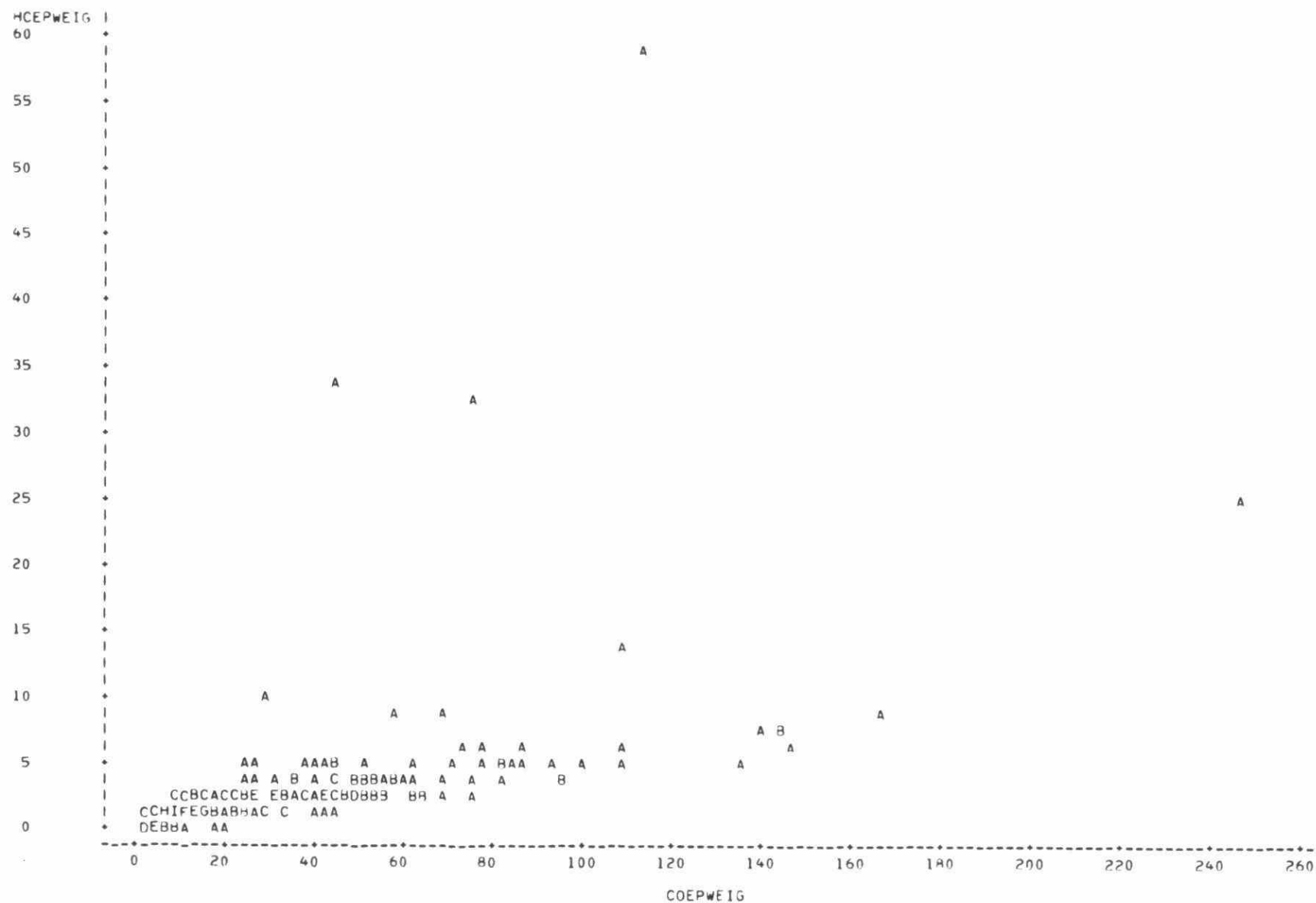
10:14 THURSDAY, AUGUST 16, 1984 B

PLOT OF COFASTID\*MODELYR LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 1 OBS HAD MISSING VALUES, 1 WERE OUT OF RANGE

PLOT OF HCEPWEIG\*COEPWEIG LEGEND: A = 1 OBS, B = 2 OBS, ETC.

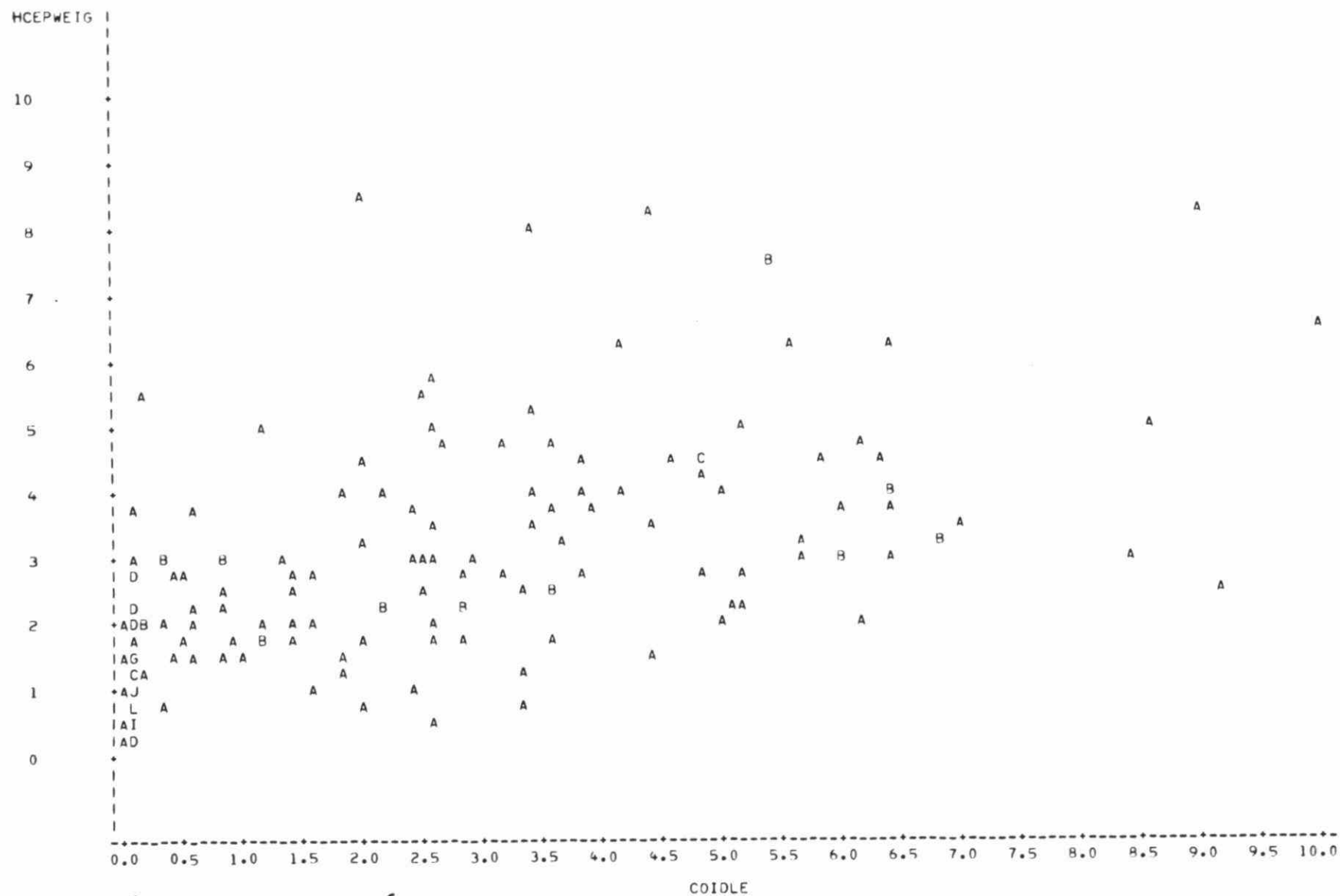


NOTE: 2 OBS HAD MISSING VALUES

ONTARIO SAMPLE 200

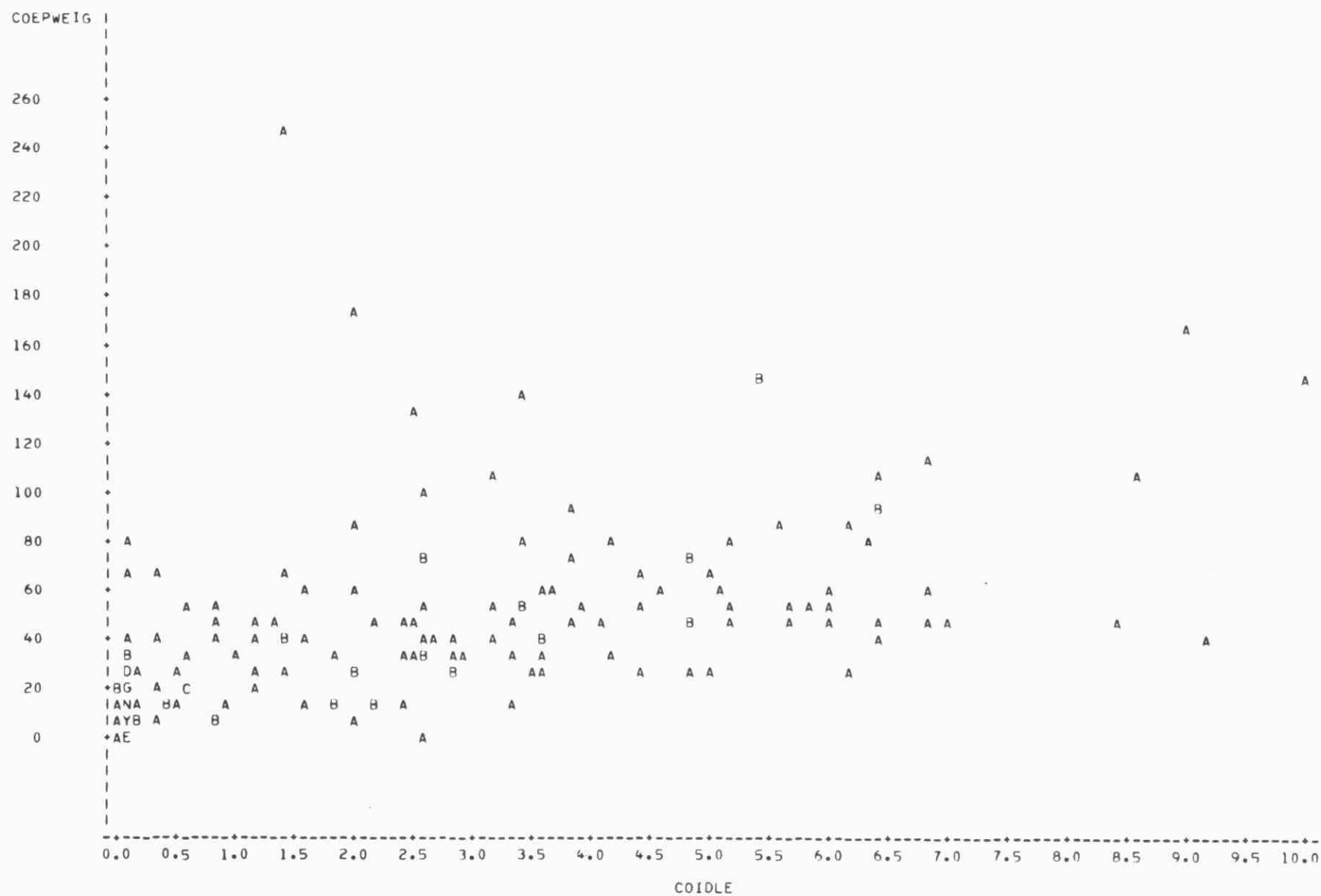
10:14 THURSDAY, AUGUST 16, 1984 13

PLOT OF HCEPWEIG\*COIDLE LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 3 OBS HAD MISSING VALUES, 6 WERE OUT OF RANGE

PLOT OF COEPWEIG\*COIDLE LEGEND: A = 1 OBS, B = 2 OBS, ETC.

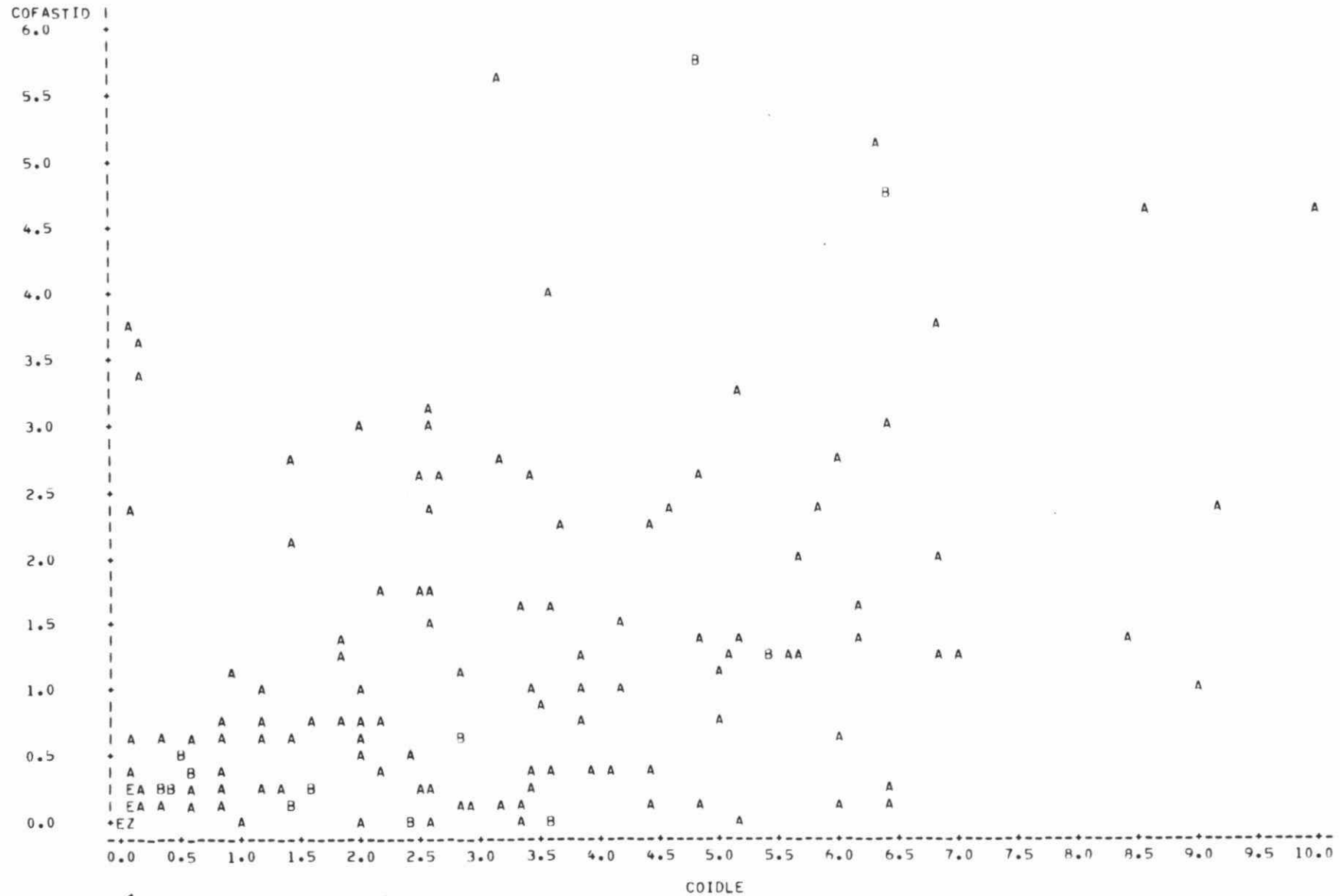


NOTE: 1 OBS HAD MISSING VALUES

ONTARIO SAMPLE 200  
 PLOT OF COFASTID\*COIDLE

10:14 THURSDAY, AUGUST 16, 1984 22

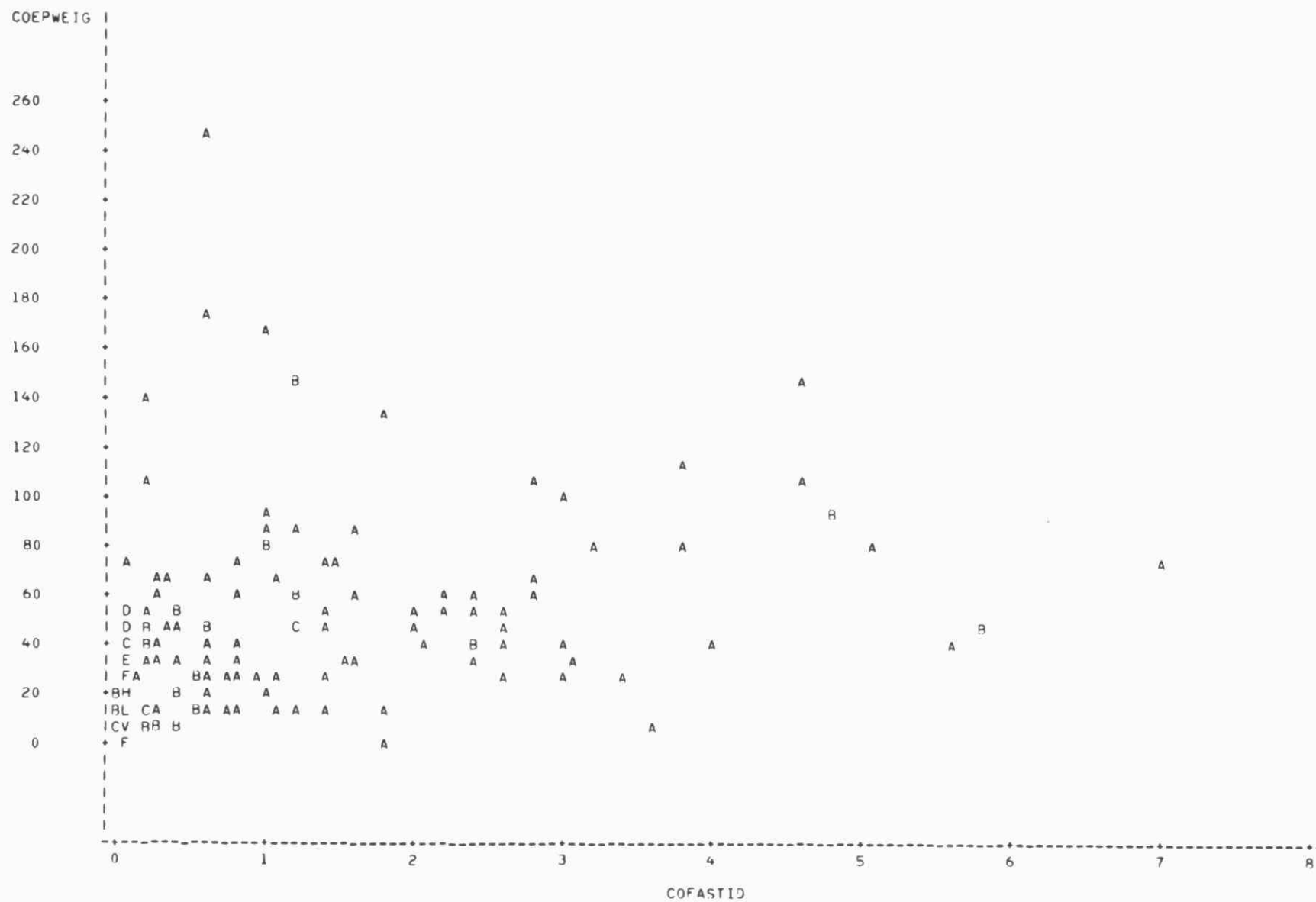
LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE:

1  
 2 OBS HAD MISSING VALUES, 1 WERE OUT OF RANGE . 20 OBS HIDDEN

PLOT OF COEPWEIG\*COFASTID LEGEND: A = 1 OBS, B = 2 OBS, ETC.



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[illegible]

FIG. 9.2 - 12

## 19

O	T	S	M	I	C		M	E	A	E	H	C	N	F	C	O	O						
B	E	U	T	N	A	R	O	V	R	M	C	O	O	C	E	O	O						
S	S	B	C	E	P	M	D	L	A	M	P	P	E	P	C	F	E						
	T	T	T	R	C	O	T	I	N	I	W	F	P	W	I	A	F						
	C	E	E	I	E	D	R	C	E	L	E	E	W	E	D	S	N						
	A	S	S	A	L	O	E	I	T	A	I	I	I	I	I	T	A						
	R	T	T	R	L	L	S	D	V	G	G	G	G	G	E	N	O						
1	0006	0	79051	A	400	20	DODG-ASPEN	77	A3	3.7	225	L6	1	20	CAT	3.43	35.34	444.7	7.38	13.40	2.95	0.10	7
2	0007	0	79053	A	350	20	PLYM-VALLIAN	76	A3	5.2	318	V8	2	81	AIR	1.76	44.63	734.4	2.04	21.34	0.50	0.01	20
3	0008	0	79056	A	450	20	PLYM-FURY	78	A3	5.9	360	V8	4	79	MOD+LEAN	18.51	125.31	591.2	3.87	22.22	3.00	0.10	7
4	0009	0	79057	A	400	40	CHEV-BELAIR	77	A3	5.7	350	V8	4	94	AIR	3.50	55.59	594.6	2.21	18.30	0.70	0.20	3
5	0010	0	79059	A	400	40	CHEV-BELAIR	78	A3	5.7	350	V8	4	90	CAT	3.37	74.43	598.0	1.65	19.36	0.40	0.10	3
6	0011	0	79063	A	450	40	PONT-LEMANS	76	A3	5.7	350	V8	2	37	CAT	2.27	43.36	716.8	2.19	20.81	0.01	1.55	3
7	0012	0	79064	A	500	30	FORD-CUSTOM	77	A3	5.8	351	V8	2	85	AIR-DEF	5.34	90.85	656.5	3.19	21.55	3.00	0.40	7
8	0013	0	79065	A	500	30	FORD-CUSTOM	77	A3	5.8	351	V8	2	87	AIR	3.81	62.22	678.2	2.19	20.79	3.60	0.40	3
9	0014	0	79070	A	500	30	FORD-CUSTOM	77	A3	5.8	351	V8	2	87	AIR-DEF	2.95	43.28	727.9	2.82	21.22	0.25	0.10	3
10	0017	0	80015	A	400	20	DODG-MONACO	78	A3	5.9	360	V8	4	85	MOD	2.54	53.20	617.8	2.28	18.75	0.70	0.20	3
11	0020	0	80028	A	500	20	PLYM-GRFJRY	77	A3	5.9	360	V8	2	81	MOD	2.86	51.34	615.1	1.80	18.61	0.50	0.20	3
12	0034	0	80058	A	400	40	CHEV-BELAIR	78	A3	5.7	350	V8	4	83	CAT	2.13	24.34	552.3	2.19	16.43	0.05	0.50	1
13	0035	0	80060	A	550	20	CHRY-NEWPOR	75	A3	6.6	400	V8	4	75	MOD	4.27	61.00	865.0	2.28	25.71	2.60	2.40	3
14	0037	0	80066	A	450	40	CHEV-CAPRIC	77	A3	5.7	350	V8	4	72	CAT	2.42	37.68	543.9	3.08	15.98	3.20	0.01	3
15	0038	0	80067	A	550	40	BUIC-LESABR	76	A3	7.5	455	V8	4	82	CAT	1.69	26.90	971.8	1.66	26.66	0.40	0.40	2
16	0040	0	80070	A	450	20	PLYM-FURY	77	A3	5.9	360	V8	2	89	MOD	3.59	41.72	591.9	3.49	17.83	2.90	0.70	7
17	0041	0	80074	A	500	40	OLDS-88	75	A3	7.5	455	V8	4	110	CAT	2.37	21.71	696.9	2.11	19.35	0.60	0.01	1
18	0042	0	80075	A	400	30	MERC-MONARC	76	A3	5.0	302	V8	2</										

F L E E T C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
 1974-1979 MODEL YEAR : 52 CARS \*SORTED BY TESTCAR SUBTEST (PART A)

19

15:55 FRIDAY, FEBRUARY 22, 1985

0 B S	T E S T C A R S	S U B T E S T	M I N S P E N T	I N T E R F A C E	C A R M O D E L	M O D E L Y E A R	E N G I N E D I S T R I B U T O R	C A M M E R C I A L U S E	H E A V Y D U T Y	C O P Y I E S	C O P Y I E S	N O P W E I G H T	F E E L I N G	C O F F I C I A L	O F F I C I A L							
48	0072	0	80144	A 400	40 CHEV-BELAIR	79	A3	5.7	350	V8	4	81	CAT	4.35	69.11	579.3	0.90	18.37	0.05	0.5	3	0
49	0073	0	80147	A 400	40 CHEV-BELAIR	79	A3	5.7	350	V8	4	83	CAT	7.56	89.73	466.5	1.35	16.52	4.30	1.7	3	7
50	0074	0	80148	A 300	20 PLYM-VALIAN	74	A3	3.7	225	L6	1	68	MOD	2.58	29.01	426.5	3.68	12.68	0.50	0.2	6	0
51	0075	0	80152	A 400	20 PLYM-FJRY	78	A3	5.9	360	V8	2	80	MOD+LEAN	2.76	49.69	625.3	2.17	18.75	2.10	0.3	3	2
52	0088	0	80186	A 500	20 PLYM-FJRY	77	A3	5.9	360	V8	2	80	MOD	4.39	95.78	590.3	2.50	19.89	5.80	2.5	3	6

F L E E T C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
1974-1979 MODEL YEAR : 52 CARS ,SORTED BY TESTCAR SUBTEST (PART B)

20

15:55 FRIDAY, FEBRUARY 22, 1985

	T	S	H	H	H	C	C	C	C	C	N	N	N	N	N	F	F	F	F	F		
	E	U	C	C	C	O	O	O	O	O	O	O	O	O	O	E	E	E	E	E		
	S	H	E	E	E	E	E	E	E	E	E	E	E	E	E	P	P	P	P	P		
	T	T	P	P	P	P	P	P	P	P	P	P	P	P	P	C	C	C	C	C		
	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
	R	T	D	B	T	D	B	T	T	B	D	B	T	T	B	D	B	T	T	B		
	S	T	D	B	T	D	B	T	T	B	D	B	T	T	B	D	B	T	T	B		
1	0006	0	4.52	3.40	2.68	3.34	3.20	55.52	32.87	24.74	29.69	28.18	7.35	7.22	7.70	7.86	7.06	15.08	13.29	12.32	13.09	12.91
2	0007	0	5.42	0.63	1.17	2.60	0.56	101.51	32.32	25.09	45.14	29.82	2.21	1.57	2.82	2.63	1.42	22.06	22.75	18.32	19.87	22.67
3	0008	0	22.76	7.63	35.85	.	.	120.11	137.74	105.75	.	.	4.47	3.16	4.76	.	.	24.96	21.57	21.28	.	.
4	0009	0	7.00	2.53	2.70	.	.	97.53	48.29	37.74	.	.	2.94	1.49	3.04	.	.	20.18	18.56	16.41	.	.
5	0010	0	3.88	2.99	3.81	5.56	4.84	53.49	38.72	165.11	45.58	55.21	2.12	0.89	2.92	4.74	1.36	18.25	15.60	26.79	28.29	20.87
6	0011	0	4.45	1.67	1.82	.	.	73.95	37.40	32.16	.	.	3.23	1.39	2.98	.	.	24.10	20.03	19.69	.	.
7	0012	0	8.84	4.43	4.45	4.64	3.46	115.11	85.09	81.28	78.60	77.04	3.28	2.87	3.75	3.78	2.69	22.72	21.75	20.32	20.30	21.04
8	0013	0	6.43	2.51	4.32	4.21	3.71	79.93	53.54	65.44	65.65	80.87	2.87	1.53	2.93	2.37	1.71	21.06	21.52	19.29	19.28	20.71
9	0014	0	5.37	2.15	2.63	2.81	2.02	74.71	36.24	32.98	39.20	8.26	4.27	2.87	1.64	4.35	2.88	21.28	22.34	19.23	20.45	21.02
10	0017	0	2.74	2.22	2.99	1.58	1.96	90.11	49.83	31.90	29.31	39.61	2.57	1.78	2.98	2.91	1.95	21.85	18.63	16.62	16.75	18.66
11	0020	0	4.46	2.29	2.76	2.58	2.18	87.83	35.94	53.37	55.39	35.84	2.32	1.60	1.79	1.89	1.83	20.82	19.01	16.22	17.92	19.87
12	0034	0	2.88	2.10	1.63	1.63	2.19	39.88	23.82	13.56	13.56	26.96	3.33	1.37	2.89	2.57	1.20	17.28	16.83	15.10	15.10	16.79
13	0035	0	5.23	4.02	4.04	4.04	3.99	72.93	57.14	59.44	59.44	58.30	2.75	2.03	2.40	2.40	1.85	27.41	26.43	23.16	23.16	25.23
14	0037	0	2.46	2.70	1.85	2.08	2.34	35.81	46.45	22.60	19.94	37.67	4.32	2.06	4.07	4.24	2.06	17.04	16.58	14.14	14.06	15.90
15	0038	0	1.83	1.15	2.63	2.75	1.93	41.28	20.04	29.17	35.08	41.81	2.30	1.29	1.88	1.84	1.19	27.09	28.00	24.00	23.92	27.46
16	0040	0	5.26	3.19	3.07	2.96	3.00	72.60	35.70	29.79	32.11	36.51	3.32	3.31	3.94	3.71	3.54	19.07	18.28	16.10	15.75	17.92
17	0041	0	3.40	2.25	1.83	1.71	2.15	36.63	20.77	12.30	12.63	19.83	2.37	1.77	2.55	2.74	1.80	21.25	19.45	17.74	18.03	19.02
18	0042	0	3.53	2.14	2.72	2.71	2.21	22.26	6.68	11.89	13.59	8.84	2.84	2.23	2.50	2.51	2.02	16.08	14.79	14.21	14.37	14.52
19	0043	0	2.47	1.62	1.50	1.62	1.65	30.63	18.65	14.76	14.53	16.83	4.20	3.60	3.39	3.32	3.30	13.12	11.92	11.38	11.46	11.60
20	0044	0	2.04	1.66	1.38	1.26	1.65	23.84	11.19	8.42	7.91	9.52	3.85	3.67	3.35	3.16	3.17	12.63	11.59	10.61	10.66	11.32
21	0045	0	4.38	3.64	2.76	.	.	73.67	78.48	50.23	.	.	2.19	0.70	1.40	.	.	17.97	18.62	15.78	.	.
22	0046	0	5.04	2.56	3.23	3.75	2.73	87.83	57.62	71.12	87.38	63.32	0.96	0.99	1.26	1.07	1.13	23.49	21.65	20.98	22.01	21.57
23	0047	0	3.56	2.04	2.03	2.51	1.97	89.66	61.10	35.22	43.89	52.49	4.02	2.26	4.73	5.03	2.82	22.51	20.50	17.52	21.23	22.10
24	0048	0	15.92	2.44	1.95	2.18	2.24	114.76	66.43	38.80	39.00	64.12	2.73	1.71	3.81	4.14	2.35	20.41	21.31	17.26	17.00	20.64
25	0049	0	2.72	1.68	1.68	1.89	1.70	30.10	27.77	19.75	35.69	25.12	2.04	1.17	2.25	1.50	0.99	17.93	18.72	18.23	16.65	18.08
26	0050	0	7.02	5.74	4.70	5.59	5.75	128.74	104.06	77.45	84.94	99.29	1.08	0.51	0.92	1.05	0.60	18.44	17.82	15.67	16.72	18.33
27	0051	0	5.69	4.63	3.60	3.54	4.14	63.88	55.33	39.25	36.94	47.74	1.75	1.75	1.98	1.89	1.67	17.53	16.93	15.13	14.70	16.10
28	0052	0	9.62	2.19	2.09	2.60	1.89	65.59	25.22	20.45	26.88	13.78	0.95	0.82	1.06	1.03	0.90	19.06	16.53	14.99	15.11	16.62
29	0053	0	2.31	0.33	0.40	0.57	0.29	45.08	4.85	7.05	9.38	4.12	1.00	1.70	1.59	1.97	2.11	20.59	18.55	16.79	17.40	18.18
30	0054	0	4.02	1.58	1.76	2.89	1.22	65.28	21.08	23.67	22.75	13.35	1.82	1.46	2.00	2.20	1.55	22.94	24.17	20.53	19.86	23.07
31	0055	0	3.58	2.65	2.73	2.28	2.47	43.74	32.43	25.23	23.14	23.93	3.67	2.19	3.99	4.07	2.22	18.79	18.27	16.51	16.26	17.74
32	0056	0	3.84	1.87	2.03	2.11	1.80	92.94	44.15	43.97	48.70	31.90	0.75	0.70	0.96	0.80	0.72	19.92	20.03	16.20	16.51	18.83
33	0057	0	2.47	0.81	1.12	1.16	0.66	27.39	8.48	16.18	17.48	6.18	3.49	1.91	2.73	2.86	1.85	15.38	14.55	13.43	13.53	14.14
34	0058	0	3.67	1.13	1.03	1.12	0.96	37.17	1.21	3.21	3.61	1.57	1.60	0.88	1.36	1.29	0.93	19.14	17.32	15.96	14.36	16.49
35	0059	0	1.87	0.51	0.86	0.63	0.53	40.71	6.34	7.81	7.16	4.87	2.46	1.88	2.33	2.53	1.85	27.95	29.31	24.30	25.02	29.13
36	0060	0	2.67	2.51	1.90	2.01	2.34	72.96	63.27	39.79	39.63	50.28	4.48	2.01	3.17	3.13	2.10	22.50	20.43	18.16	18.14	19.70
37	0061	0	2.87	1.67	1.32	1.25	0.95	34.52	12.38	11.03	10.92	5.12	2.21	1.37	1.82	2.01	1.23	12.62	12.84	10.04	10.29	12.43
38	0062	0	6.68	2.86	2.73	2.78	2.78	72.13	46.91	33.70	30.36	36.82	2.36	1.43	2.68	3.82	2.11	19.21	18.88	16.16	16.15	18.37
39	0063	0	3.88	2.38	2.39	2.31	1.87	31.42	20.03	24.40	23.17	16.51	1.57	0.71	0.78	0.79	0.75	17.93	16.79	15.64	15.86	16.53
40	0064	0	6.43	3.22	3.25	3.17	3.08	52.60	42.68	39.99	38.40	36.12	3.39	1.90	3.19	3.55	2.22	17.96	18.65	16.30	16.19	18.05
41	0065	0	6.25	3.32	2.52	2.73	2.83	73.22	52.78	33.43	32.36	39.26	2.09	1.56	2.48	2.30	1.43	22.76	22.51	19.21	18.88	21.65
42	0066	0	2.67	1.47	1.92	1.93	1.70	46.03	12.47	12.42	14.95	12.85	2.88	1.77	2.93	2.95	1.93	21.29	21.07	18.90	18.37	20.69
43	0067	0	4.26	2.92	2.14	2.08	2.65	49.11	46.57	22.04	20.34	36.42	2.06	1.40	1.96	1.91	1.34	23.81	21.08	18.19	18.26	19.95
44	0068	0	6.89	5.19	4.36	4.64	4.54	78.10	72.15	47.51	49.01	68.23	2.67	2.43	3.34	3.77	2.84	19.63	19.18	16.25	16.52	18.99
45	0069	0	7.26	3.08	2.49	1.98	2.48	75.14	66.17	37.39	34.15	50.07	1.69	1.11	1.93	1.74	1.01	20.77	20.19	16.61	16.76	19.47
46	0070	0	4.06	2.12	2.96	2.25	2.10	30.83	11.03	12.66	10.69	7.48	2.18	1.85	2.64	2.56	2.02	19.61	17.73	15.80	15.83	17.10
47	0071	0	5.56	2.40	1.80	1.97	2.36	64.53	16.54	17.29	15.62	17.10	2.50	3.99	0.99	2.06	2.29	17.49	15.48	14.62	13.66	15.17

TAB. 9.3 - 1B

APP. E 3

F L E E T C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
 1974-1979 MODEL YEAR : 52 CARS \*SORTED BY TESTCAR SUBTEST (PART B)

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15:55 FRIDAY, FEBRUARY 22, 1985

	T	S	H	H	H	H	C	C	C	C	N	N	N	N	N	F	F	F	F	F		
	E	U	C	C	C	C	O	O	O	O	O	O	O	O	O	C	C	C	C	C		
	S	B	P	P	P	P	E	E	E	E	E	E	E	E	E	P	P	P	P	P		
	T	T	C	S	P	T	C	S	P	S	C	S	P	B	S	C	S	P	B	S		
	C	E	O	T	H	H	O	T	H	H	O	T	H	H	T	O	T	H	H	T		
	A	S	L	A	O	O	A	O	O	A	L	A	O	O	A	L	A	O	O	A		
	R	T	D	B	T	T	B	T	T	B	D	R	T	T	B	D	B	T	T	B		
48	0072	0	6.28	4.16	3.26	2.74	3.73	95.99	72.70	41.97	33.79	57.66	1.39	0.67	0.97	1.07	0.71	19.58	18.85	16.60	16.49	18.28
49	0073	0	8.65	8.16	5.61	5.27	6.38	95.11	99.23	67.53	61.35	72.06	1.90	0.92	1.74	1.75	1.03	17.00	17.21	14.94	14.79	16.05
50	0074	0	3.70	2.38	2.13	2.26	2.22	45.73	25.69	22.74	24.70	24.34	4.60	2.98	4.33	4.54	2.44	13.58	12.95	11.50	11.95	12.89
51	0075	0	4.33	2.49	2.11	2.37	2.35	59.23	53.15	35.78	36.11	43.86	2.61	1.68	2.79	2.79	1.76	19.09	20.47	16.96	16.64	19.19
52	0088	0	6.19	4.17	3.46	3.51	4.26	102.01	101.54	80.09	82.47	96.92	3.14	1.92	3.12	3.07	1.87	19.95	21.00	17.90	17.99	20.53

F L E E T C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
1974-1979 MODEL YEAR : 52 CARS ,SIMPLE STATISTICS

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15:55 FRIDAY, FEBRUARY 22, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR>ITI
SUBTEST	52	0.000	0.000	0.000	0.000	0.000	0.00	0.000	*	*	*
MTCTEST	52	79921.423	399.662	79051.000	80186.000	55.423	4155914.00	159729.817	0.500	1442.02	0.0001
INERTIA	52	437.500	54.120	300.000	550.000	7.505	22750.00	2928.922	12.370	58.29	0.0001
MANUF	52	28.654	8.638	20.000	40.000	1.198	1490.00	74.623	30.148	23.92	0.0001
MODEL YR	52	77.192	1.269	74.000	79.000	0.176	4014.00	1.609	1.643	438.78	0.0001
LITRES	52	5.740	0.803	3.700	7.500	0.111	298.50	0.644	13.980	51.58	0.0001
CID	52	349.635	48.689	225.000	455.000	6.752	18181.00	2370.629	13.926	51.78	0.0001
CARBVENT	52	2.692	1.076	1.000	4.000	0.149	140.00	1.158	39.976	18.04	0.0001
MILEAGE	52	80.365	18.913	20.000	130.000	2.623	4179.00	357.687	23.533	30.64	0.0001
CANADA	52	2.885	1.811	0.000	7.000	0.251	150.00	3.281	62.789	11.48	0.0001
HCEPWEIG	52	3.348	2.507	0.760	18.510	0.348	174.10	6.284	74.873	9.63	0.0001
COEPWEIG	52	45.981	25.919	9.130	125.310	3.594	2391.00	671.801	56.370	12.79	0.0001
ONTARIO	50	1.600	1.927	0.000	7.000	0.273	80.00	3.714	120.453	5.87	0.0001
CO2EPWEI	52	623.058	121.815	408.100	999.900	16.893	32399.00	14838.879	19.551	36.88	0.0001
NOEPWEIG	52	2.261	1.080	0.740	7.380	0.150	117.59	1.167	47.777	15.09	0.0001
FCEPWEIG	52	18.613	3.350	11.540	27.590	0.465	967.88	11.221	17.997	40.07	0.0001
COIDLE	52	1.581	1.573	0.010	5.800	0.218	82.23	2.475	99.492	7.25	0.0001
COFASTID	52	0.474	0.688	0.010	3.000	0.095	24.64	0.474	145.223	4.97	0.0001
HCEPCOLD	52	5.179	3.479	1.830	22.760	0.482	269.31	12.106	67.181	10.73	0.0001
HCEPSTAB	52	2.723	1.534	0.330	8.160	0.213	141.58	2.353	56.338	12.80	0.0001
HCEPHOT	52	3.157	4.741	0.400	35.850	0.657	164.15	22.478	150.189	4.80	0.0001
HCTBHOT	48	2.628	1.178	0.570	5.590	0.170	126.15	1.387	44.813	15.46	0.0001
HCTBSTAB	48	2.500	1.278	0.290	6.380	0.184	120.01	1.633	51.109	13.56	0.0001
COEPCOLD	52	65.690	27.586	22.260	128.740	3.839	3415.86	766.508	42.147	17.11	0.0001
COEPSTAB	52	43.043	29.002	1.210	137.740	4.022	2238.26	841.094	67.378	10.70	0.0001
COEPHOT	52	36.860	28.533	3.210	165.110	3.957	1916.74	914.122	77.408	9.32	0.0001
COTBHOT	48	34.236	21.223	3.610	87.380	3.063	1643.31	450.415	61.991	11.18	0.0001
COTBSTAB	48	36.125	24.884	1.570	99.290	3.592	1733.98	619.195	68.883	10.06	0.0001
NOEPCOLD	52	2.714	1.187	0.750	7.350	0.165	141.14	1.409	43.735	16.49	0.0001
NOEPSTAB	52	1.885	1.107	0.510	7.220	0.154	98.03	1.227	58.747	12.27	0.0001
NOEPHOT	52	2.644	1.237	0.780	7.700	0.171	137.51	1.529	46.766	15.42	0.0001
NOTBHOT	48	2.755	1.329	0.790	7.860	0.192	132.26	1.766	48.232	14.36	0.0001
NOTBSTAB	48	1.912	1.039	0.600	7.060	0.150	91.80	1.079	54.316	12.76	0.0001
FCEPCOLD	52	19.811	3.459	12.620	27.950	0.480	1030.16	11.967	17.462	41.30	0.0001
FCEPSTAB	52	19.010	3.633	11.590	29.310	0.504	988.51	13.196	19.109	37.74	0.0001
FCEPHOT	52	17.038	3.321	10.040	26.790	0.461	885.99	11.032	19.494	36.99	0.0001
FCTBHOT	48	17.116	3.581	10.290	28.290	0.517	821.59	12.826	20.924	33.11	0.0001
FCTBSTAB	48	18.616	3.672	11.320	29.130	0.530	893.57	13.485	19.726	35.12	0.0001

F L E E T C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
1974-1979 MODEL YEAR : 52 CARS ,SORTED BY MODEL YR MANUF CID MILEAGE

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15:55 FRIDAY, FEBRUARY 22, 1985

OBS	TEST CAR	OWNER	INERTIA	SPECIFIC	MANUF	CARMODEL	MODEL YR	TRANS	LIST	ENGINE	CARB	EMI	CEP	COEP	CO2EP	NOEP	FCEP	COF	COF	COF		
1	0052	A	400	30	FORD-CUSTOM	79	A3	5.8	351	V8	2	80	CAT+AIR	3.66	32.27	571.9	0.91	16.63	0.50	1.30	3	5
2	0053	A	400	30	FORD-CUSTOM	79	A3	5.8	351	V8	2	81	CAT+AIR	0.76	13.92	681.3	1.52	18.49	0.10	0.10	0	0
3	0051	A	400	30	FORD-CUSTOM	79	A3	5.8	351	V8	4	82	CAT-AIR	4.57	52.70	534.8	1.81	16.55	1.00	1.40	3	5
4	0049	A	400	30	FORD-CUSTOM	79	A3	5.8	351	V8	2	128	CAT+AIR	1.89	26.08	656.1	1.64	18.41	2.40	0.05	2	2
5	0072	A	400	40	CHEV-BELAIR	79	A3	5.7	350	V8	4	81	CAT	4.35	69.11	579.3	0.90	18.37	0.05	0.50	3	0
6	0063	A	400	40	CHEV-BELAIR	79	A3	5.7	350	V8	4	82	CAT	2.69	23.54	592.2	0.90	16.71	0.03	0.04	1	0
7	0073	A	400	40	CHEV-BELAIR	79	A3	5.7	350	V8	4	83	CAT	7.56	89.73	466.5	1.35	16.52	4.30	1.70	3	7
8	0050	A	400	40	CHEV-BELAIR	79	A3	5.7	350	V8	4	130	CAT	5.72	101.95	484.2	0.74	17.34	2.00	3.00	3	5
9	0071	A	400	20	DODG-MONACO	78	A3	5.2	318	V8	2	74	MOD+LEAN	2.89	26.62	541.8	2.86	15.67	0.30	0.05	3	0
10	0065	A	400	20	PLYM-FURY	78	A3	5.9	360	V8	2	77	MOD+LEAN	3.71	51.71	727.1	1.92	21.62	1.80	0.10	3	1
11	0008	A	450	20	PLYM-FURY	78	A3	5.9	360	V8	4	79	MOD+LEAN	18.51	125.31	591.2	3.87	22.22	3.00	0.10	7	.
12	0067	A	450	20	PLYM-FURY	78	A3	5.9	360	V8	4	80	MOD+LEAN	2.98	40.40	716.7	1.69	20.85	2.70	0.06	3	3
13	0069	A	450	20	PLYM-FURY	78	A3	5.9	360	V8	2	80	MOD+LEAN	3.78	60.16	625.4	1.45	19.30	3.90	1.60	3	7
14	0075	A	400	20	PLYM-FURY	78	A3	5.9	360	V8	2	80	MOD+LEAN	2.76	49.69	625.3	2.17	18.75	2.10	0.30	3	2
15	0066	A	450	20	PLYM-FURY	78	A3	5.9	360	V8	4	84	MOD+LEAN	1.84	19.40	740.7	2.32	20.50	0.20	0.10	0	1
16	0017	A	400	20	DODG-MONACO	78	A3	5.9	360	V8	4	85	MOD	2.54	53.20	617.8	2.28	18.75	0.70	0.20	3	1
17	0060	A	450	20	PLYM-FURY	78	A3	5.9	360	V8	4	85	MOD+LEAN	2.37	58.83	666.0	2.84	20.23	3.00	0.40	3	2
18	0070	A	450	20	PLYM-FURY	78	A3	5.9	360	V8	2	93	MOD+LEAN	2.75	15.55	632.8	2.13	17.58	0.20	0.30	1	1
19	0057	A	400	40	PONT-LEMANS	78	A3	5.0	305	V8	2	52	CAT	1.23	14.45	523.4	2.45	14.41	0.01	0.01	0	0
20	0034	A	400	40	CHEV-BELAIR	78	A3	5.7	350	V8	4	83	CAT	2.13	24.34	552.3	2.19	16.43	0.05	0.50	1	0
21	0010	A	400	40	CHEV-BELAIR	78	A3	5.7	350	V8	4	90	CAT	3.37	74.43	598.0	1.65	19.36	0.40	0.10	3	0
22	0055	A	450	40	BUIC-LTD	78	A3	6.6	403	V8	4	78	CAT	2.87	32.79	622.3	2.98	17.88	4.60	0.40	3	3
23	0006	A	400	20	DODG-ASPEN	77	A3	3.7	225	L6	1	20	CAT	3.43	35.34	444.7	7.38	13.40	2.95	0.10	7	2
24	0044	A	350	20	DODG-ASPEN	77	A3	3.7	225	L6	1	85	CAT+AIR	1.66	13.04	414.5	3.62	11.54	0.30	0.10	4	1
25	0043	A	350	20	DODG-ASPEN	77	A3	3.7	225	L6	1	91	CAT+AIR	1.76	20.07	421.6	3.67	12.03	1.10	0.13	4	0
26	0064	A	450	20	PLYM-GRFURY	77	A3	5.9	360	V8	2	79	CAT	3.88	43.98	595.2	2.55	17.83	0.80	0.50	3	1
27	0088	A	500	20	PLYM-FURY	77	A3	5.9	360	V8	2	80	MOD	4.39	95.78	590.3	2.50	19.89	5.80	2.50	3	6
28	0020	A	500	20	PLYM-GRFURY	77	A3	5.9	360	V8	2	81	MOD	2.86	51.34	615.1	1.80	18.61	0.50	0.20	3	0
29	0062	A	450	20	PLYM-GRFURY	77	A3	5.9	360	V8	2	81	MOD	3.61	48.50	593.5	1.96	18.18	1.40	0.20	3	0
30	0068	A	500	20	PLYM-GRFURY	77	A3	5.9	360	V8	2	87	MOD+LEAN	5.31	66.68	577.7	2.73	18.44	5.50	0.20	3	3
31	0040	A	450	20	PLYM-FURY	77	A3	5.9	360	V8	2	89	MOD	3.59	41.72	591.9	3.49	17.83	2.90	0.70	7	2
32	0045	A	400	30	MERC-MONARC	77	A3	5.0	302	V8	2	72	CAT-AIR	3.56	69.80	555.1	1.20	17.67	3.20	0.15	3	2
33	0012	A	500	30	FORD-CUSTOM	77	A3	5.8	351	V8	2	85	AIR-DEF	5.34	90.85	656.5	3.19	21.55	3.00	0.40	7	2
34	0013	A	500	30	FORD-CUSTOM	77	A3	5.8	351	V8	2	87	AIR	3.81	62.22	678.2	2.19	20.79	3.60	0.40	3	2
35	0014	A	500	30	FORD-CUSTOM	77	A3	5.8	351	V8	2	87	AIR-DEF	2.95	43.28	727.9	2.82	21.22	0.25	0.10	3	0
36	0061	A	400	40	PONT-PARISI	77	A3	5.0	305	V8	2	100	CAT	1.82	16.54	408.1	1.66	12.00	0.03	0.02	0	0
37	0037	A	450	40	CHEV-CAPRIC	77	A3	5.7	350	V8	4	72	CAT	2.42	37.68	543.9	3.08	15.98	3.20	0.01	3	3
38	0009	A	400	40	CHEV-BELAIR	77	A3	5.7	350	V8	4	94	AIR	3.50	55.59	594.6	2.21	18.30	0.70	0.20	3	0
39	0058	A	450	40	BUIC-LESABR	77	A3	6.6	403	V8	2	90	CAT	1.63	9.13	641.5	1.15	17.32	0.20	0.20	0	1
40	0007	A	350	20	PLYM-VALIAN	76	A3	5.2	318	V8	2	81	AIR	1.76	44.63	734.4	2.04	21.34	0.50	0.01	2	0
41	0042	A	400	30	MERC-MONARC	76	A3	5.0	302	V8	2	69	CAT+AIR	2.58	11.28	542.5	2.43	14.90	0.10	0.10	1	1
42	0046	A	450	30	FORD-CUSTOM	76	A3	5.8	351	V8	2	80	AIR	3.26	67.53	710.7	1.06	21.86	1.40	0.10	3	0
43	0048	A	500	30	FORD-CUSTOM	76	A3	5.8	351	V8	2	93	AIR	5.19	69.24	632.5	2.50	19.96	3.40	0.10	3	2
44	0047	A	450	30	FORD-CUSTOM	76	A3	5.8	351	V8	2	102	AIR	2.35	59.91	659.4	3.29	20.08	2.40	0.50	7	2
45	0056	A	500	30	MERC-MARQUI	76	A3	6.6	400	V8	2	50	AIR	2.31	53.98	625.9	0.78	18.92	0.40	0.20	3	0
46	0011	A	450	40	PONT-LEMANS	76	A3	5.7	350	V8	2	37	CAT	2.27	43.36	716.8	2.19	20.81	0.01	1.55	3	4
47	0038	A	550	40	BUIC-LESABR	76	A3	7.5	455	V8	4	82	CAT	1.69	26.90	971.8	1.66	26.66	0.40	0.40	2	0

TAB. 9.3 - 3

APP. E 6

F L E E T C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
 1974-1979 MODEL YEAR : 52 CARS ,SORTED BY MODEL YR MANUF CID MILEAGE

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15:55 FRIDAY, FEBRUARY 22, 1985

OBS	TEST CAR	OWNER	INTER	SPECIF	MANUF	CAR MODEL	MODEL YR	TRANS	LITRES	CID	ENGINE	CARB	MILEAGE	EMISS	HCEP	COEP	CO2E	NOEP	FCEP	COID	COFA	CANAD	ONTARIO
48	0054	A	550		20	CHRY-NEWPOR	75	A3	6.6	400	V8	4	40	MOD	2.13	30.91	819.3	1.68	22.87	1.10	0.60	3	0
49	0035	A	550		20	CHRY-NEWPOR	75	A3	6.6	400	V8	4	75	MOD	4.27	61.00	865.0	2.28	25.71	2.60	2.40	3	.
50	0041	A	500		40	OLDS-88	75	A3	7.5	455	V8	4	110	CAT	2.37	21.71	696.9	2.11	19.35	0.60	0.01	1	1
51	0074	A	300		20	PLYM-VALIAN	74	A3	3.7	225	L6	1	68	MOD	2.58	29.01	426.5	3.68	12.68	0.50	0.20	6	0
52	0059	A	500		40	OLDS-DELTAB	74	A3	7.5	455	V8	4	45	MOD	0.89	13.82	999.9	2.12	27.59	0.05	0.05	0	0

FLEET C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
1974-1979 MODEL YEAR : 52 CARS ,SIMPLE STATISTICS

15:55 FRIDAY, FEBRUARY 22, 1985

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CORRELATION COEFFICIENTS / PROB > IRI UNDER H0:RHO=0 / NUMBER OF OBSERVATIONS

	INERTIA	MODELVR	CID	MILEAGE	HCEPWEIG	COEPWEIG	NOEPWEIG	FCEPWEIG
HCEPWEIG	0.08892 0.5307 52	0.20525 0.1444 52	0.02899 0.8384 52	0.09482 0.5037 52	1.00000 0.0000 52	0.74400 0.0001 52	0.14588 0.3021 52	0.14035 0.3210 52
COEPWEIG	0.18834 0.1812 52	0.16286 0.2487 52	0.09224 0.5155 52	0.17244 0.2216 52	0.74400 0.0001 52	1.00000 0.0000 52	-0.04680 0.7418 52	0.29713 0.0324 52
NOEPWEIG	-0.10886 0.4424 52	-0.22551 0.1080 52	-0.48998 0.0002 52	-0.32528 0.0186 52	0.14588 0.3021 52	-0.04680 0.7418 52	1.00000 0.0000 52	-0.25823 0.0645 52
FCEPWEIG	0.70645 0.0001 52	-0.30334 0.0288 52	0.75515 0.0001 52	-0.07941 0.5758 52	0.14035 0.3210 52	0.29713 0.0324 52	-0.25823 0.0645 52	1.00000 0.0000 52
COIDLE	0.27447 0.0489 52	0.08887 0.5310 52	0.04369 0.7584 52	0.09891 0.4854 52	0.41041 0.0025 52	0.58615 0.0001 52	0.24214 0.0837 52	0.12102 0.3928 52
COFASTID	0.16111 0.2539 52	0.13323 0.3464 52	0.14434 0.3073 52	0.10917 0.4411 52	0.21293 0.1296 52	0.45328 0.0007 52	-0.21148 0.1323 52	0.13651 0.3346 52
HCEPCOLD	0.13098 0.3547 52	0.13469 0.3411 52	0.03642 0.7977 52	0.09190 0.5170 52	0.88812 0.0001 52	0.67608 0.0001 52	0.08150 0.5657 52	0.16984 0.2287 52
HCEPSTAB	0.03265 0.8182 52	0.31391 0.0234 52	-0.01854 0.8962 52	0.15637 0.2683 52	0.81723 0.0001 52	0.79335 0.0001 52	0.06995 0.6222 52	-0.00010 0.9995 52
HCEPHOT	0.07706 0.5871 52	0.13057 0.3562 52	0.04686 0.7415 52	0.03460 0.8076 52	0.93372 0.0001 52	0.57275 0.0001 52	0.19192 0.1729 52	0.17582 0.2125 52
HCTBHOT	0.17393 0.2371 48	0.10680 0.4700 48	0.02387 0.8721 48	0.14792 0.3157 48	0.79790 0.0001 48	0.77624 0.0001 48	-0.03849 0.7951 48	0.16903 0.2508 48
HCTBSTAB	0.07452 0.6147 48	0.26838 0.0651 48	0.00448 0.9759 48	0.21408 0.1440 48	0.88499 0.0001 48	0.78162 0.0001 48	-0.01711 0.9081 48	0.01243 0.9332 48
COEPCOLD	0.22264 0.1126 52	0.03992 0.7787 52	0.13050 0.3565 52	0.11112 0.4329 52	0.56053 0.0001 52	0.86468 0.0001 52	-0.08815 0.5343 52	0.35521 0.0098 52
COEPSTAB	0.15346 0.2774 52	0.20312 0.1487 52	0.06541 0.6399 52	0.18402 0.1916 52	0.77052 0.0001 52	0.96717 0.0001 52	-0.00846 0.9525 52	0.23531 0.0931 52

TAB. 9.3 - 4

APP. E 8

FLEET C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
1974-1979 MODEL YEAR : 52 CARS .SIMPLE STATISTICS

16  
15:55 FRIDAY, FEBRUARY 22, 1985

CORRELATION COEFFICIENTS / PROB > IRI UNDER H0:RHO=0 / NUMBER OF OBSERVATIONS

	INERTIA	MODELYR	CID	MILEAGE	HCEPWEIG	COEPWEIG	NOEPWEIG	FCEPWEIG
COEPHOT	0.16247 0.2498 52	0.12228 0.3878 52	0.08341 0.5566 52	0.13521 0.3392 52	0.57018 0.0001 52	0.82201 0.0001 52	-0.07864 0.5795 52	0.27273 0.0505 52
COTBHOT	0.28879 0.0465 48	0.01218 0.9345 48	0.10139 0.4929 48	0.19474 0.1847 48	0.65522 0.0001 48	0.88795 0.0001 48	-0.14223 0.3349 48	0.33344 0.0206 48
COTBSTAB	0.24546 0.0927 48	0.10336 0.4845 48	0.11703 0.4282 48	0.27153 0.0619 48	0.76182 0.0001 48	0.93908 0.0001 48	-0.09225 0.5329 48	0.27241 0.0610 48
NOEPCOLD	-0.09698 0.4940 52	-0.23101 0.0994 52	-0.46035 0.0006 52	-0.29528 0.0336 52	0.12462 0.3787 52	-0.02589 0.8554 52	0.93145 0.0001 52	-0.23648 0.0914 52
NOEPSTAB	-0.12615 0.3728 52	-0.18034 0.2008 52	-0.51504 0.0001 52	-0.34081 0.0134 52	0.09859 0.4868 52	-0.12937 0.3607 52	0.94852 0.0001 52	-0.29709 0.0324 52
NOEPHOT	-0.06566 0.6437 52	-0.24402 0.0813 52	-0.35382 0.0101 52	-0.24515 0.0798 52	0.20465 0.1456 52	0.08905 0.5302 52	0.90038 0.0001 52	-0.14759 0.2964 52
NOTBHOT	-0.04120 0.7810 48	-0.27961 0.0543 48	-0.37410 0.0088 48	-0.26828 0.0652 48	0.02714 0.8547 48	0.03056 0.8366 48	0.87137 0.0001 48	-0.17255 0.2409 48
NOTBSTAB	-0.05972 0.6868 48	-0.22092 0.1313 48	-0.49233 0.0004 48	-0.37358 0.0089 48	-0.02158 0.8842 48	-0.12315 0.4043 48	0.95442 0.0001 48	-0.27228 0.0612 48
FCEPCOLD	0.67531 0.0001 52	-0.27526 0.0483 52	0.73209 0.0001 52	-0.10317 0.4667 52	0.17492 0.2149 52	0.28588 0.0399 52	-0.22058 0.1161 52	0.96513 0.0001 52
FCEPSTAB	0.71955 0.0001 52	-0.33541 0.0151 52	0.74799 0.0001 52	-0.08722 0.5386 52	0.09906 0.4847 52	0.25928 0.0634 52	-0.26021 0.0625 52	0.97665 0.0001 52
FCEPHOT	0.58352 0.0001 52	-0.20784 0.1393 52	0.66489 0.0001 52	-0.03227 0.8203 52	0.16684 0.2372 52	0.33032 0.0168 52	-0.24201 0.0839 52	0.90759 0.0001 52
FCTBHOT	0.54874 0.0001 48	-0.26049 0.0738 48	0.61075 0.0001 48	0.00985 0.9470 48	0.02954 0.8420 48	0.34289 0.0170 48	-0.25679 0.0781 48	0.87659 0.0001 48
FCTBSTAB	0.68422 0.0001 48	-0.34298 0.0170 48	0.74542 0.0001 48	-0.03002 0.8395 48	0.01946 0.8956 48	0.29563 0.0413 48	-0.30442 0.0354 48	0.98580 0.0001 48

F L E E T C - HIGH-MILEAGE POLICE AND GOVERNMENT CARS  
1974-1979 MODEL YEAR : 52 CARS

15:55 FRIDAY, FEBRUARY 22, 1985<sup>2</sup>

PLOT OF HCEPWEIG\*COEPWEIG      LEGEND: A = 1 OBS, B = 2 OBS, ETC.

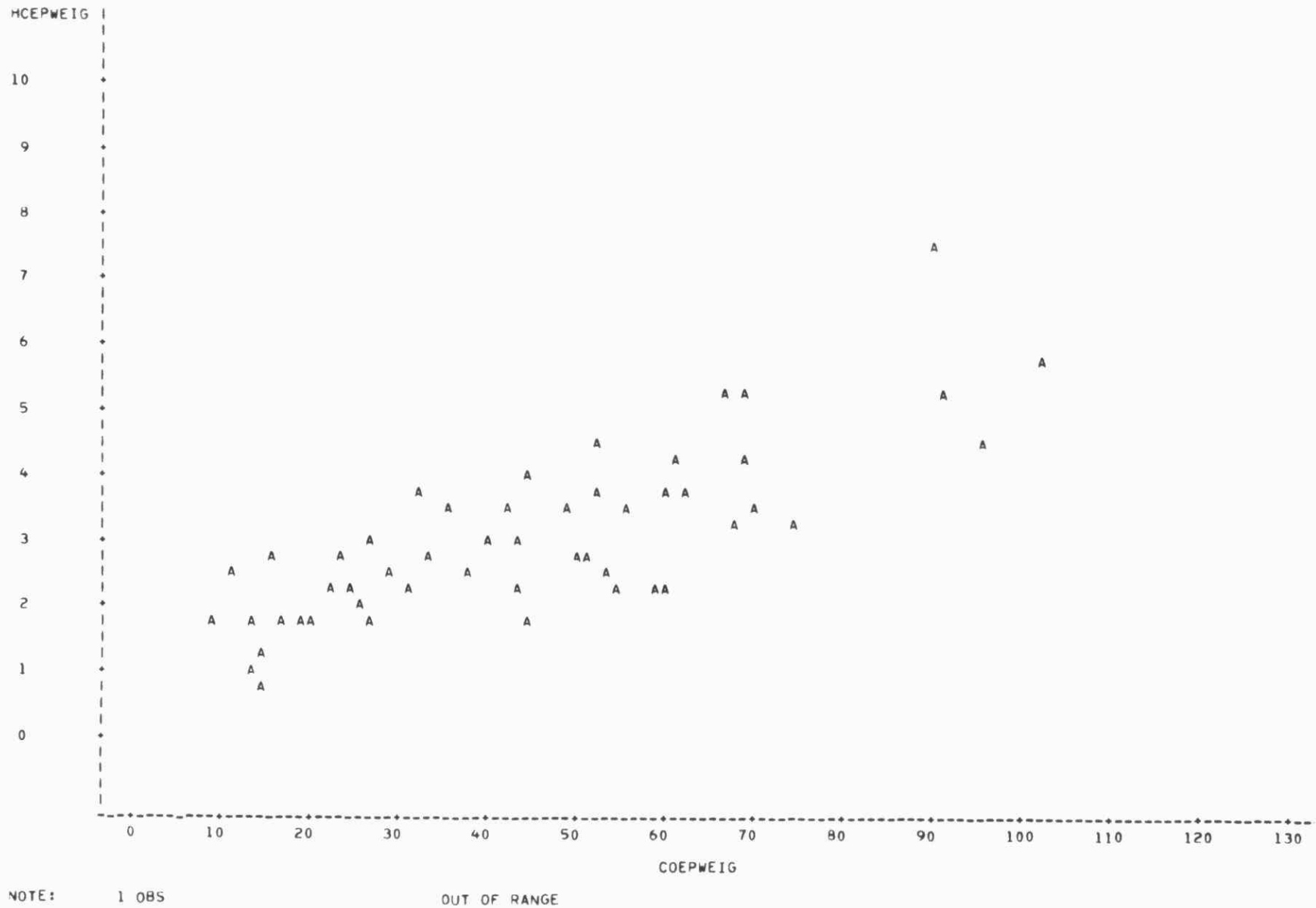


FIG. 9.3 - 1

13:07 MONDAY, DECEMBER 31, 1984 2

TAB. 9.4 - 2

13:07 MONDAY, DECEMBER 31, 1984 3

APP. E 11

WIDER ONTARIO SAMPLE - 295 EXCESSIVE CARS (20 CARS )  
LISTING OF CAR AND TEST DATA-SORTED BY MODEL/R MILEAGE

9:40 MONDAY, MAY 6, 1985 16

OBS	TEST CAR	OWNER	INERTIAL	SPEED	MAV	CAR MODEL	MOD	TRAIL	ENVELOPE	CAR MILEAGE	EMISS	HCEP	COEP	CO2EP	NOEP	FCEP	COFA	COFA	COFA
S	R	R	A	F	F	L	Y	R	M	S	D	E	G	I	G	I	E	D	A
1	0290	P	450	U	20	DODG-POLARA	66	A3	5.2	318	V8	2	179	PCV	7.59	144.76	598.0	4.01	22.40
2	0300	P	400	U	20	PLYM-FURY	68	A3	3.7	225	L6	1	128	MOD-SOOT	59.17	114.17	296.9	0.38	17.45
3	0299	P	350	U	20	DODG-DART	68	A3	3.7	225	L6	1	163	MOD	6.54	147.32	359.3	1.86	16.16
4	0314	P	225	U	75	VW -BEETLE	71	M4	1.6	97	L4	1	104	MOD	13.27	109.84	342.3	1.05	14.68
5	0245	P	550	U	40	CHEV-KINGSW	W 71	A3	5.7	350	V8	2	160	MOD-DEF	32.94	76.11	607.2	3.61	21.94
6	0291	P	350	U	20	DODG-DUSTER	73	A3	5.2	318	V8	2	59	MOD	5.45	134.84	538.3	1.20	20.23
7	0247	P	450	U	40	BUIC-CENTUR	73	A3	5.7	350	V8	2	66	AIR-DEF	.	170.80	522.7	2.79	20.67
8	0233	P	350	U	30	MERC-COMET	74	A3	4.1	250	L6	1	53	MOD-DEF	10.55	29.28	486.6	5.95	14.97
9	0190	P	350	U	10	AM -HORNET	74	M4	3.8	232	L6	1	78	MOD	33.47	44.44	429.6	4.07	15.96
10	0242	P	400	U	40	BUIC-CENTUR	75	A3	5.7	350	V8	2	105	CAT	8.19	167.64	529.8	2.82	21.42
11	0274	D	250		40	CHEV-CHEVET	76	A3	1.6	98	L4	1	97	CAT	4.93	109.61	285.9	1.11	12.58
12	0309	P	450	L	20	DODG-ASPEN	W 76	A3	5.9	360	V8	2	108	CAT	6.33	109.81	582.0	2.57	20.23
13	0367	P	400	U	40	OLDS-CUTLAS	77	A3	5.7	350	V8	4	63	CAT	5.02	100.48	529.1	0.51	18.41
14	0313	P	400	L	20	DODG-ASPEN	W 77	A3	5.2	318	V8	2	114	CAT	7.15	66.99	567.3	5.44	18.21
15	0306	P	225		72	TOYO-COROLL	78	M4	1.6	97	L4	2	44	MOD	8.05	140.09	237.7	0.65	12.60
16	0277	D	450	U	30	FORD-CUSTOM	78	A3	5.0	302	V8	2	102	CAT-DEF	6.97	109.20	512.6	5.36	18.63
17	0166	P	400	C	40	OLDS-CUTLAS	79	A3	5.0	305	V8	2	34	CAT	4.93	81.96	418.4	1.70	14.67
18	0039	V	450		20	DODG-SPORTS	V 80	A3	5.2	318	V8	2	4	MOD	3.96	83.35	624.1	3.14	20.68
19	0352	P	425	C	30	FORD-LTD	80	A3	5.0	302	V8	2	72	CAT+AIR	25.61	247.54	452.0	0.49	24.08
20	0179	R	350	T	30	FORD-GRANAD	82	A3	3.3	200	L6	1	6	CAT+AIR	2.01	64.38	435.6	0.71	14.21

WIDER ONTARIO SAMPLE - 295 .EXCESSIVE CARS (20 CARS )  
LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SUBTEST-PART A

15:32 WEDNESDAY, OCTOBER 9, 1985

	T	S	M	I	C		M		C	E		H	C	C	N	F	C	O							
	E	U	T	N	A		O	T	E	M		C	O	O	O	C	O	O							
	S	B	C	O	S		D	R	G	I		P	E	P	P	P	A	C							
	T	T	T	W	R		B	E	T	T		W	W	W	W	W	S	V							
	C	E	E	N	T		O	L	R	C		E	E	P	E	I	T	A							
	B	A	S	E	I		O	Y	S	I		I	I	E	I	D	T	A							
	S	R	T	R	A		Y	R	M	S		G	G	I	G	E	D	A							
1	0039	0	80069	V	450	20	DODG-SPORTS	V	80	A3	5.2	318	V8	2	4	MOD	3.96	83.35	624.1	3.14	20.68	2.60	0.30	7	2
2	0166	0	81169	P	400	C 40	OLDS-CUTLAS		79	A3	5.0	305	V8	2	34	CAT	4.93	81.96	418.4	1.70	14.67	5.20	3.20	3	7
3	0179	0	82005	R	350	T 30	FORD-GRAVAD		82	A3	3.3	200	L6	1	6	CAT+AIR	2.01	64.38	435.6	0.71	14.21	1.40	2.90	3	4
4	0190	0	82042	P	350	U 10	AM -HORNET		74	M4	3.8	232	L6	1	78	MOD	33.47	44.44	429.6	4.07	15.96	4.10	0.35	7	3
5	0233	0	82166	P	350	U 30	MERC-COMET		74	A3	4.1	250	L6	1	53	MOD-DEF	10.55	29.28	486.6	5.95	14.97	3.50	0.90	7	3
6	0242	0	82188	P	400	U 40	BUIC-CENTUR		75	A3	5.7	350	V8	2	105	CAT	8.19	167.64	529.8	2.82	21.42	9.00	1.00	3	3
7	0245	0	82196	P	550	U 40	CHEV-KINGSW	W	71	A3	5.7	350	V8	2	160	MOD-DEF	32.94	75.11	607.2	3.61	21.94	2.60	7.00	3	5
8	0247	0	82198	P	450	U 40	BUIC-CENTUR		73	A3	5.7	350	V8	2	66	AIR-DEF	.	170.80	522.7	2.79	20.67	2.00	0.60	2	0
9	0274	0	83039	D	250	40	CHEV-CHEVET		76	A3	1.5	98	L4	1	97	CAT	4.93	109.61	285.9	1.11	12.58	8.60	4.60	3	7
10	0277	0	83046	D	450	U 30	FORD-CUSTOM		78	A3	5.0	302	V8	2	102	CAT-DEF	6.97	109.20	512.6	5.36	18.63	6.80	1.80	7	7
11	0290	0	83086	P	450	U 20	DODG-POLARA		66	A3	5.2	318	V8	2	179	PCV	7.59	144.76	598.0	4.01	22.40	5.40	1.20	2	2
12	0291	0	83092	P	350	U 20	DODG-DUSTER		73	A3	5.2	318	V8	2	59	MOD	5.45	134.84	538.3	1.20	20.23	2.50	1.80	3	4
13	0299	0	83115	P	350	U 20	DODG-DART		68	A3	3.7	225	L6	1	163	MOD	6.54	147.32	359.3	1.86	16.16	9.99	4.60	3	6
14	0300	0	83119	P	400	U 20	PLYM-FURY		68	A3	3.7	225	L6	1	128	MOD-SOOT	59.17	114.17	296.9	0.38	17.45	6.80	3.80	3	6
15	0306	0	83126	P	225	72	TOYO-COROLL		78	M4	1.5	97	L4	2	44	MOD	8.05	140.09	237.7	0.65	12.60	3.40	0.20	3	2
16	0309	0	83132	P	450	L 20	DODG-ASPEN	W	76	A3	5.9	360	V8	2	108	CAT	6.33	109.81	582.0	2.57	20.23	6.40	0.20	3	3
17	0313	0	83142	P	400	L 20	DODG-ASPEN	W	77	A3	5.2	318	V8	2	114	CAT	7.15	66.99	567.3	5.44	18.21	4.40	0.80	7	3
18	0314	0	83145	P	225	U 75	VW -BEETLE		71	M4	1.5	97	L4	1	104	MOD	13.27	109.84	342.3	1.05	14.68	3.20	2.80	3	4
19	0352	0	84029	P	425	C 30	FORD-LTD		80	A3	5.0	302	V8	2	72	CAT-SOOT	25.61	247.54	452.0	0.49	24.08	1.40	0.60	3	0
20	0367	0	84077	P	400	U 40	OLDS-CUTLAS		77	A3	5.7	350	V8	4	63	CAT	5.02	100.48	529.1	0.51	18.41	2.60	3.00	3	7

WIDER ONTARIO SAMPLE - 295 \*EXCESSIVE CARS (20 CARS )  
 LISTING OF CAR AND TEST DATA-SORTED BY TESTCAR SJBTEST-PART 3

15:32 WEDNESDAY, OCTOBER 9, 1985

	T E S T C A R	S U B T E S T	H C E P C O L D	H C E P S T A B	H C E P H O T	H C T B H O T	H C T B S T A B	C O E P S T A B	C O E P S T A B	C O E P S T A B	C O E P S T A B	C O E P S T A B	C O E P S T A B	N O E P S T A B	N O E P S T A B	N O E P S T A B	N O E P S T A B	F C E P S T A B	F C E P S T A B	F C E P S T A B	F C E P S T A B	F C E P S T A B
1	0039	0	5.57	3.87	2.93	3.06	3.41	121.83	82.53	55.87	47.90	62.84	2.55	3.17	3.53	3.68	3.48	21.92	21.70	17.96	17.67	20.30
2	0166	0	5.33	5.10	4.31	4.31	5.16	70.01	95.77	64.05	69.80	102.43	2.95	0.94	2.22	2.10	0.73	15.24	15.36	13.02	13.86	15.37
3	0179	0	2.08	2.00	2.01	2.27	2.00	55.90	66.04	65.85	72.15	66.57	1.14	0.43	0.93	0.93	0.48	14.83	14.39	13.43	13.64	14.09
4	0190	0	32.82	35.63	29.83	28.61	37.61	50.48	47.65	33.76	23.78	41.22	3.83	3.75	4.85	5.33	4.55	15.49	16.93	14.52	14.79	18.69
5	0233	0	24.69	7.26	6.08	5.18	6.89	64.07	19.78	20.90	16.43	17.34	7.11	4.73	7.37	7.16	5.09	17.76	14.40	13.88	12.65	14.20
6	0242	0	10.15	8.58	5.98	5.76	8.02	158.65	203.68	105.96	101.91	189.73	2.93	2.29	3.76	1.63	2.65	22.61	22.48	18.65	18.79	21.81
7	0245	0	35.43	33.55	29.91	30.47	34.40	100.28	67.25	74.55	72.87	60.32	3.93	3.37	3.80	4.15	3.75	23.35	22.38	20.12	20.44	22.34
8	0247	0	.	.	.	.	.	134.28	218.82	107.86	104.54	213.72	3.60	1.85	3.93	3.67	1.77	20.88	22.35	17.59	17.39	21.76
9	0274	0	4.98	5.17	4.45	4.53	5.71	91.00	121.09	101.37	102.24	135.18	1.90	0.75	1.23	1.18	0.65	12.93	12.81	11.92	12.04	13.41
10	0277	0	6.92	7.73	5.58	5.28	7.13	90.12	131.11	82.41	75.77	130.22	2.67	4.88	8.28	8.08	4.91	18.50	19.27	17.62	17.02	19.12
11	0290	0	10.38	7.67	5.33	5.16	6.66	241.51	137.75	84.86	83.85	108.99	1.94	4.13	5.34	4.65	3.71	24.94	23.42	18.69	17.38	18.56
12	0291	0	9.34	4.46	4.39	4.36	4.03	240.79	122.62	78.11	81.32	83.35	0.62	0.87	2.29	2.14	1.08	22.93	21.31	16.30	16.64	18.09
13	0299	0	8.22	5.95	6.38	9.62	5.55	190.79	134.55	139.19	111.85	120.14	1.45	2.11	1.71	2.02	1.82	17.59	16.15	15.08	14.14	15.11
14	0300	0	48.50	78.88	29.41	25.29	55.57	93.46	127.71	103.80	289.69	451.32	0.32	0.14	0.87	0.09	0.21	15.61	19.50	15.24	22.74	30.97
15	0306	0	3.75	9.23	9.03	9.78	14.83	90.66	168.18	123.41	123.48	194.93	1.30	0.50	0.46	0.58	0.24	10.90	14.14	11.17	11.29	15.17
16	0309	0	6.73	7.28	4.25	3.77	5.73	85.69	144.12	62.13	59.12	129.37	3.07	2.16	2.95	3.28	2.26	20.02	22.04	17.23	17.23	19.58
17	0313	0	8.01	7.53	5.79	5.36	7.04	59.20	82.10	44.29	39.95	71.51	5.00	4.67	7.24	7.19	6.61	19.09	18.42	17.19	16.52	19.25
18	0314	0	15.14	14.38	9.72	9.84	13.10	100.89	121.69	93.79	98.54	123.52	1.36	0.89	1.13	1.06	0.81	15.10	15.49	12.93	13.32	15.10
19	0352	0	22.71	28.46	22.27	16.14	22.79	215.36	274.94	218.72	195.18	238.35	0.69	0.31	0.70	0.62	0.45	22.46	25.91	22.07	19.90	23.83
20	0367	0	6.66	4.68	4.42	4.68	4.83	120.35	91.62	102.19	113.73	95.47	0.68	0.44	0.51	0.46	0.43	19.68	18.69	16.96	17.52	18.64

WIDER ONTARIO SAMPLE - 295 EXCESSIVE CARS OF 1966-1982 MY ( 20 CARS )  
SIMPLE STATISTICS

10  
15:32 WEDNESDAY, OCTOBER 9, 1985

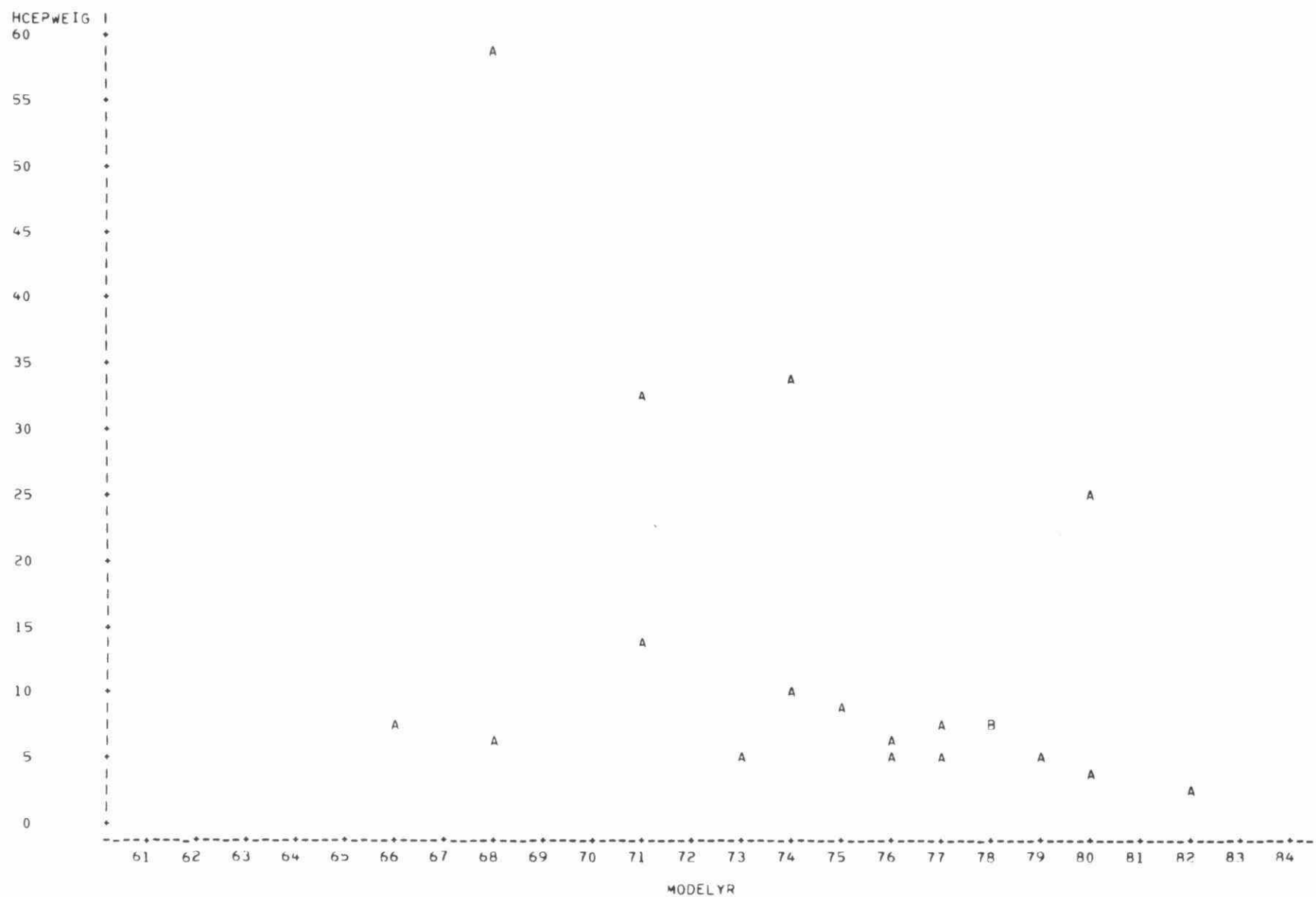
VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR> T
INERTIA	20	383.750	81.626	225.000	550.000	18.252	7675.000	6562.829	21.271	21.02	0.0001
MODELYR	20	74.800	4.372	66.000	82.000	0.978	1496.000	19.116	5.845	76.51	0.0001
CIU	20	268.250	87.769	97.000	350.000	19.626	5365.000	7703.355	32.719	13.67	0.0001
MILEAGE	20	86.950	48.520	4.000	179.000	10.849	1739.000	2354.155	55.802	8.01	0.0001
HCEPWEIG	19	13.270	14.528	2.010	59.170	3.333	252.130	211.063	109.480	3.98	0.0009
COEPWEIG	20	112.630	49.958	29.280	247.540	11.171	2252.610	2495.794	44.356	10.08	0.0001
CO2EPWEI	20	467.770	114.628	237.700	524.100	25.632	9355.400	13139.547	24.505	18.25	0.0001
VOEPWEIG	20	2.471	1.794	0.380	5.950	0.401	49.420	3.220	72.621	6.16	0.0001
FCEPWEIG	20	18.009	3.406	12.580	24.080	0.762	360.180	11.603	18.914	23.64	0.0001
COIDLE	20	4.594	2.584	1.400	9.990	0.578	91.890	6.678	56.245	7.95	0.0001
COFASTID	20	2.077	1.860	0.200	7.000	0.416	41.550	3.460	89.537	4.99	0.0001
HCEPCOLD	19	14.074	12.792	2.080	48.500	2.935	267.410	163.642	90.891	4.80	0.0001
HCEPSTAB	19	14.601	18.518	2.000	78.880	4.248	277.410	342.905	126.829	3.44	0.0029
HCEPHOT	19	10.109	9.701	2.010	29.910	2.226	192.070	94.117	95.968	4.54	0.0003
HCTBHOT	19	9.656	8.858	2.270	30.470	2.032	183.470	78.466	91.734	4.75	0.0002
HCTBSTAB	19	13.182	14.395	2.000	55.570	3.302	250.460	207.213	109.200	3.99	0.0009
COEPCOLD	20	118.866	60.016	50.480	241.510	13.420	2377.320	3601.908	50.490	8.86	0.0001
COEPSTAB	20	122.950	60.450	19.780	274.940	13.517	2459.000	3654.183	49.166	9.10	0.0001
COEPHOT	20	88.203	42.755	20.900	218.720	9.560	1764.070	1828.024	48.474	9.23	0.0001
COTBHOT	20	94.205	60.562	16.430	289.690	13.542	1884.100	3667.743	64.287	6.96	0.0001
COTBSTAB	20	131.836	95.135	17.340	451.520	21.273	2636.720	9050.577	72.161	6.20	0.0001
VOEPCOLD	20	2.452	1.693	0.320	7.110	0.379	49.040	2.867	69.049	6.48	0.0001
VOEPSTAB	20	2.119	1.658	0.140	4.880	0.371	42.380	2.750	78.253	5.71	0.0001
VOEPHOT	20	3.155	2.427	0.460	8.280	0.543	63.100	5.890	76.922	5.81	0.0001
VOTBHOT	20	3.000	2.442	0.090	8.080	0.546	60.000	5.964	81.406	5.49	0.0001
VOTBSTAB	20	2.284	1.948	0.210	6.610	0.436	45.680	3.794	85.282	5.24	0.0001
FCEPCOLD	20	18.591	3.850	10.900	24.940	0.861	371.830	14.825	20.710	21.59	0.0001
FCEPSTAB	20	18.857	3.746	12.810	25.910	0.838	377.140	14.031	19.864	22.51	0.0001
FCEPHOT	20	16.083	2.843	11.170	22.070	0.636	321.670	8.083	17.677	25.10	0.0001
FCTBHOT	20	16.248	2.995	11.290	22.740	0.670	324.970	8.969	18.432	24.26	0.0001
FCTBSTAB	20	18.769	4.181	13.410	30.970	0.935	375.390	17.482	22.276	20.08	0.0001

WIDER ONTARIO SAMPLE - 295, WITHOUT 20 EXCESSIVE CARS ( 275 CARS )  
SIMPLE STATISTICS

15:27 FRIDAY, OCTOBER 11, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.	T	PR>ITI
INERTIA	275	355.687	82.975	200.000	550.000	5.004	97814.000	6884.807	23.328	71.09	0.0001
MODELYR	275	78.229	3.565	62.000	84.000	0.215	21513.000	12.710	4.557	363.88	0.0001
CID	275	236.342	96.641	76.000	455.000	5.828	64994.000	9339.569	40.891	40.55	0.0001
MILEAGE	275	43.342	35.656	0.000	192.000	2.150	11919.000	1271.357	82.267	20.16	0.0001
HCEPWEIG	272	2.236	1.412	0.220	8.590	0.086	608.170	1.994	63.154	26.11	0.0001
COEPWEIG	275	28.841	22.079	1.620	97.540	1.331	7931.380	487.487	76.554	21.66	0.0001
COZEPWEI	275	478.018	122.948	233.300	953.300	7.414	131455.000	15116.135	25.720	64.47	0.0001
NOEPWEIG	275	2.884	1.285	0.630	7.200	0.077	792.990	1.652	44.568	37.21	0.0001
FCEPWEIG	275	13.904	3.479	7.740	26.580	0.210	3823.590	12.104	25.022	66.27	0.0001
COIDLE	273	1.680	2.100	0.010	9.990	0.127	458.760	4.410	124.967	13.22	0.0001
COFASTID	273	0.666	1.018	0.010	5.800	0.062	181.830	1.037	152.880	10.81	0.0001
HCEPCOLD	272	3.372	2.053	0.490	16.790	0.124	917.130	4.215	60.886	27.09	0.0001
HCEPSTAB	272	1.979	1.521	0.050	10.000	0.092	538.170	2.313	76.862	21.46	0.0001
HCEPHOT	272	1.867	1.165	0.120	6.990	0.071	507.840	1.357	62.398	26.43	0.0001
HCTBHOT	269	1.852	1.310	0.130	13.600	0.080	498.110	1.717	70.754	23.18	0.0001
HCTBSTAB	269	1.889	1.456	0.070	9.790	0.089	508.260	2.120	77.059	21.28	0.0001
COEPCOLD	275	44.128	29.565	3.040	218.280	1.783	12135.240	874.068	66.997	24.75	0.0001
COEPSTAB	275	26.568	26.565	0.120	115.670	1.602	7306.080	705.695	99.990	16.58	0.0001
COEPHOT	275	21.526	16.279	0.340	82.270	0.982	5919.580	264.998	75.625	21.93	0.0001
COTBHOT	271	21.600	17.221	0.320	102.610	1.046	5853.720	296.550	79.724	20.65	0.0001
COTBSTAB	271	26.369	26.834	0.080	138.560	1.630	7146.020	720.049	101.762	16.18	0.0001
NOEPCOLD	275	3.374	1.460	0.760	7.980	0.088	927.840	2.131	43.262	38.33	0.0001
NOEPSTAB	275	2.421	1.220	0.400	6.950	0.074	665.740	1.488	50.392	32.91	0.0001
NOEPHOT	275	3.415	1.625	0.550	8.500	0.098	939.260	2.640	47.575	34.86	0.0001
NOTBHOT	271	3.467	1.681	0.530	9.770	0.102	939.470	2.826	48.491	33.95	0.0001
NOTBSTAB	271	2.421	1.257	0.450	7.840	0.076	656.080	1.580	51.926	31.70	0.0001
FCEPCOLD	275	14.752	3.718	7.640	27.390	0.224	4056.860	13.827	25.206	65.79	0.0001
FCEPSTAB	275	14.269	3.704	7.850	27.890	0.223	3924.100	13.717	25.955	63.89	0.0001
FCEPHOT	275	12.645	3.049	6.790	23.670	0.184	3477.480	9.297	24.113	68.77	0.0001
FCTBHOT	271	12.610	3.110	6.660	24.410	0.189	3417.310	9.674	24.666	66.74	0.0001
FCTBSTAB	271	13.995	3.734	1.370	25.630	0.227	3792.720	13.946	26.684	61.69	0.0001

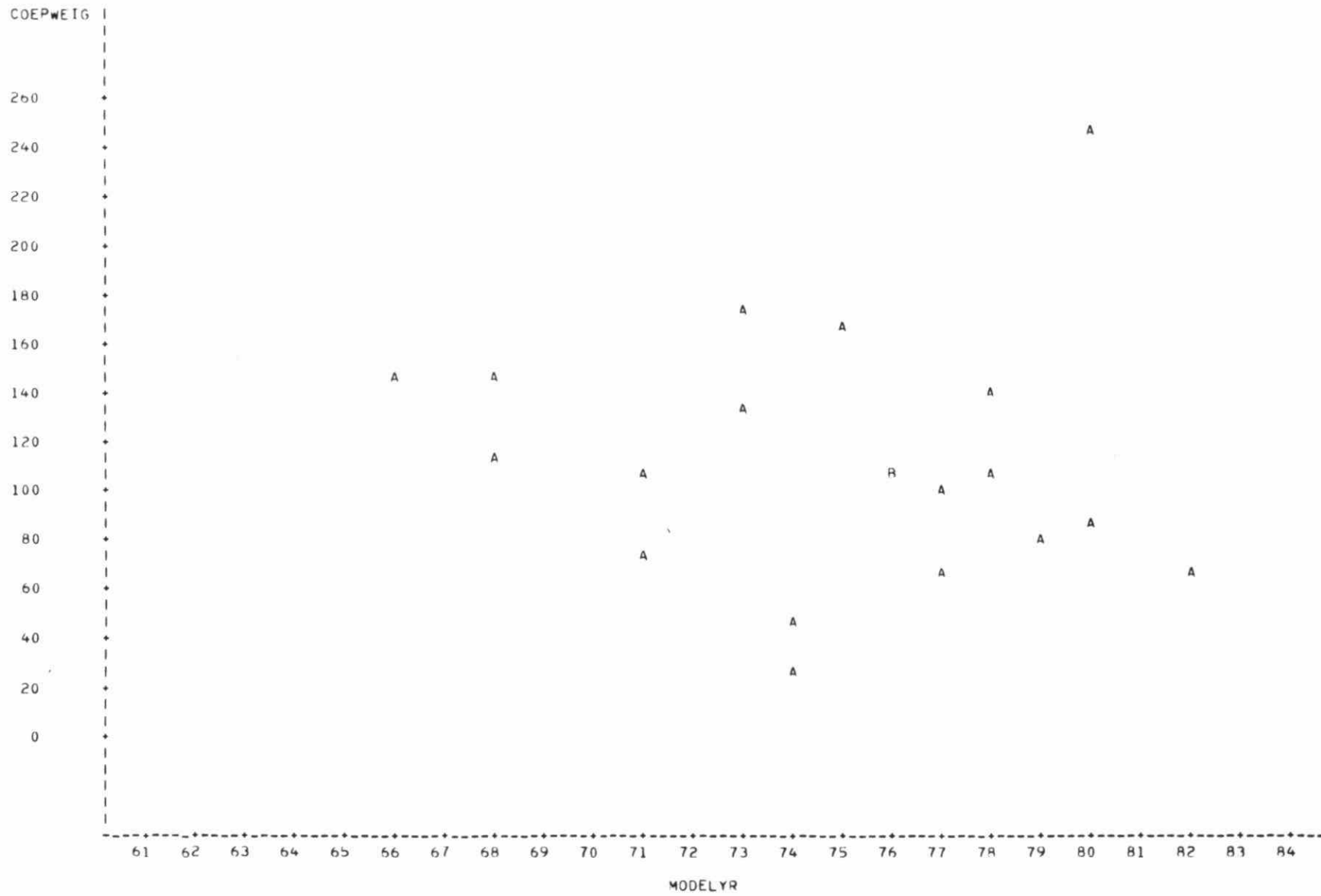
PLOT OF HCEPWEIG\*MODELYR LEGEND: A = 1 OBS, B = 2 OBS, ETC.



NOTE: 1 OBS HAD MISSING VALUES

WIDER ONTARIO SAMPLE - 295 ,EXCESSIVE CARS (20 CARS )  
 PLOT OF COEPWEIG\*MODELYR      LEGEND: A = 1 OBS, B = 2 OBS, ETC.

9:40 MONDAY, MAY 6, 1985      2



WIDER ONTARIO SAMPLE - 295 EXCESSIVE CARS (20 CARS )  
 PLOT OF NOEPWEIG\*MODELYR      LEGEND: A = 1 OBS, B = 2 OBS, ETC.

9:40 MONDAY, MAY 6, 1985      3

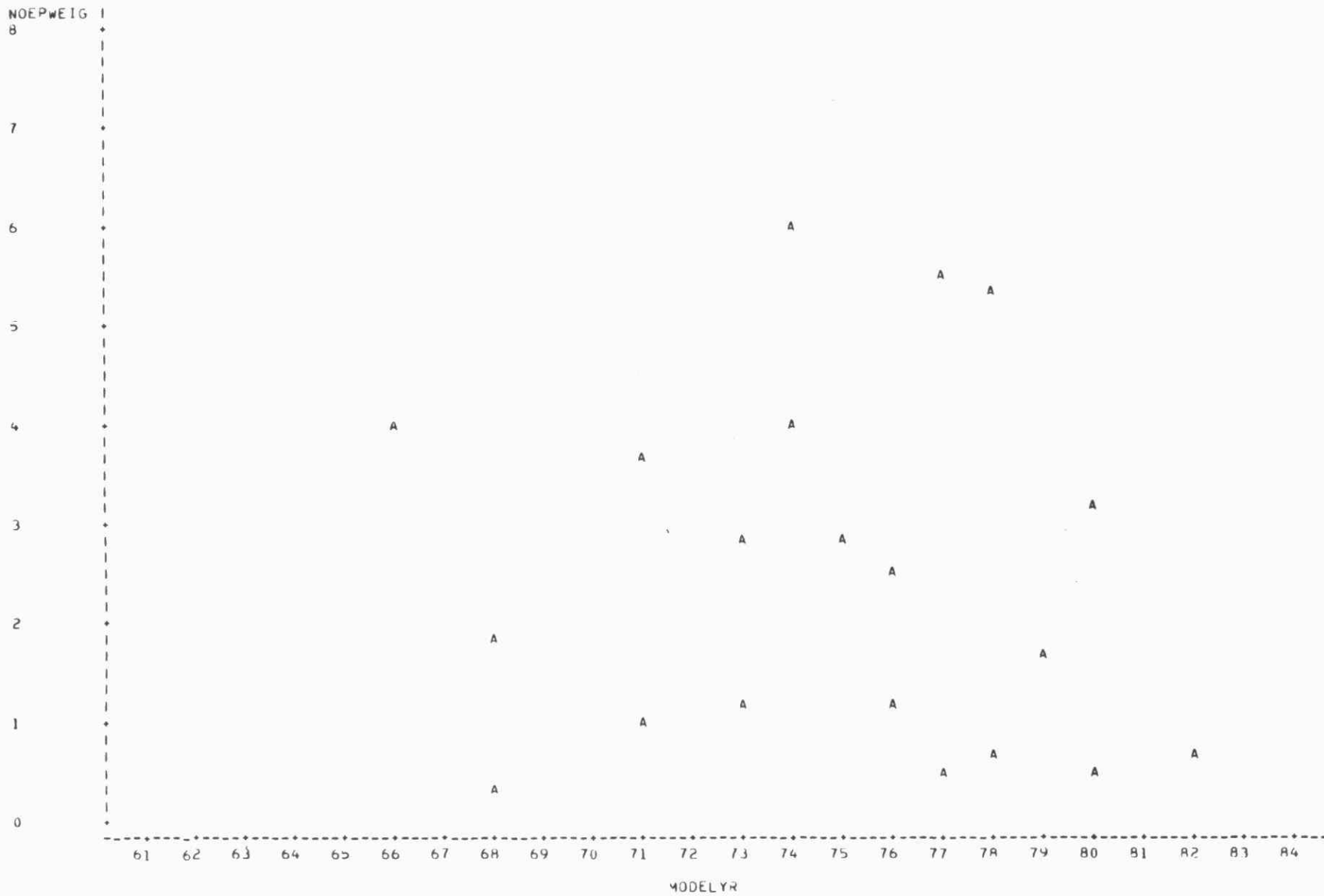


FIG. 10.2 - 3

TD  
886.5  
.R64  
E94  
1988